

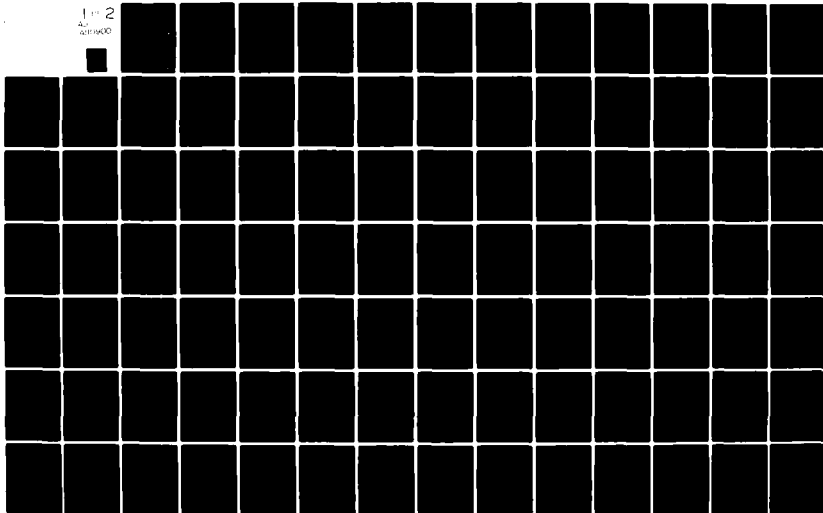
AD-A110 900

LOGISTICS MANAGEMENT INST WASHINGTON DC  
THE SORTIE-GENERATION MODEL SYSTEM. VOLUME VI. SPARES SUBSYSTEM--ETC(U)  
SEP 81 J B ABELL, F M SLAY  
MDA903-81-C-0166

NL

UNCLASSIFIED

1 of 2  
AD  
AD-A110 900



LEVEL III

12

7112899

THE SORTIE-GENERATION MODEL SYSTEM  
VOLUME VI  
SPARES SUBSYSTEM

September 1981

John B. Abell  
F. Michael Slay

12 184

DTIC  
COLLECTED  
FEB 12 1982  
H

Prepared pursuant to Department of Defense Contract No. MDA903-81-C-0166 (Task ML102). Views or conclusions contained in this document should not be interpreted as representing the official opinion or policy of the Department of Defense. Except for use for Government purposes, permission to quote from or reproduce portions of this document must be obtained from the Logistics Management Institute.

LOGISTICS MANAGEMENT INSTITUTE  
4701 Sangamore Road  
P. O. Box 9489  
Washington, D.C. 20016

210472

DISTRIBUTION STATEMENT A

Approved for public release;  
Distribution Unlimited

8 2 02 11 006

AD A110900

DTIC FILE COPY

## PREFACE

This volume is the last of six volumes that describe the LMI Sortie-Generation Model System. Volume I, Executive Summary, discusses the problem the system is designed to address and provides an overview of the principal parts of the system. Volume II, Sortie-Generation Model User's Guide, provides sufficient information to allow a user to run the Sortie-Generation Model (SGM). Volume III, Sortie-Generation Model Analyst's Manual, describes the mathematical structures, derivations, assumptions, limitations, and data sources of the system at a very detailed level. Volume IV, Sortie-Generation Model Programmer's Manual, specifies the details of the computer programs, file structures, job control language, and operating environment of the system. Volume V describes the maintenance subsystem and explains the construction of the maintenance input file to the SGM. Volume VI describes the spares subsystem and shows a user how to build the spares file that is used by the SGM.

Potential users are cautioned that no volume is intended to provide, by itself, all of the information needed for a comprehensive understanding of the operation of the SGM.



Accession For	
NTIS GRA&I	<input checked="checked" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By _____	
Distribution/	
Availability Codes	
1/0R	
A	

### ACKNOWLEDGMENTS

We are indebted to our colleague at LMI, Mr. William B. Fisher, for his many helpful insights and contributions to both the conceptual and technical content of this work, and to Mr. Peter L. Eirich, formerly of LMI, who first suggested the structure of the merge routine used in the Distribution Model.

## TABLE OF CONTENTS

	<u>Page</u>
PREFACE . . . . .	ii
ACKNOWLEDGMENTS . . . . .	iii
LIST OF FIGURES . . . . .	v
INTRODUCTION . . . . .	1
THE SHOPPING LIST PROGRAM . . . . .	4
THE DISTRIBUTION MODEL . . . . .	6
THE SETUP PROGRAMS . . . . .	8
WAR RESERVE SPARES . . . . .	20
APPENDIX A. SOURCE CODE OF THE SHOPPING LIST PROGRAM	
APPENDIX B. SAMPLE OF OUTPUT FROM THE SHOPPING LIST PROGRAM	
APPENDIX C. SAMPLE AIRCRAFT FILE (ACLIST)	
APPENDIX D. SAMPLE BASE LIST	
APPENDIX E. SOURCE CODE OF THE DISTRIBUTION MODEL	
APPENDIX F. SAMPLE OF OUTPUT FROM THE DISTRIBUTION MODEL	
APPENDIX G. SOURCE CODE OF THE SETUP PROGRAM FOR A PARTICULAR BASE	
APPENDIX H. SOURCE CODE OF THE SETUP PROGRAM FOR A NOTIONAL BASE	
APPENDIX J. SAMPLE OF AN SGM SPARES DATA BASE FOR A PARTICULAR BASE	
APPENDIX K. SAMPLE OF AN SGM SPARES DATA BASE FOR A NOTIONAL BASE	

# LIST OF FIGURES

<u>Figure</u>		<u>Page</u>
1	Spares Subsystem . . . . .	2
2	Submission of Shopping List Program . . . . .	5
3	JCL for Shopping List Program . . . . .	6
4	Running the Distribution Model . . . . .	9
5	JCL for the Distribution Model . . . . .	10
6	Running a Setup Program for a Particular Base . . . . .	15
7	Running a Setup Program for a Notional Base . . . . .	16
8	JCL for a Setup Program for a Particular Base With One MDS . . . . .	16
9	JCL for a Setup Program for a Particular Base With Two MDSs . . . . .	17
10	JCL for a Setup Program for a Particular Base With Three MDSs . . . . .	17
11	JCL for a Setup Program for a Particular Base With Four MDSs . . . . .	18
12	JCL for a Setup Program for a Notional Base For One MDS . . . . .	18
13	JCL for a Setup Program for a Notional Base For an MD With Two MDSs . . . . .	19
14	JCL for a Setup Program for a Notional Base For an MD With Three MDSs . . . . .	19
15	JCL for a Setup Program for a Notional Base For an MD With Four MDSs . . . . .	20

VOLUME VI  
SPARES SUBSYSTEM

## SPARES SUBSYSTEM DESCRIPTION

### INTRODUCTION

The purpose of the spares subsystem is to provide a means of translating budget-program '15 (BP15) resources and depot-purchased equipment maintenance (DPEM) resources into a spares posture. By a spares posture we mean a set of stock levels by national stock number (NSN) and location. Locations include all bases world-wide and all depots. The spares subsystem is shown schematically in Figure 1. It consists of several components, each of which will be discussed.

#### The Aircraft Availability Model

The Aircraft Availability Model produces an availability-vs.-cost curve for each model/design (MD) aircraft in the Air Force inventory (e.g., F-4 or B-52), for each model/design/series (MDS) such as F-4D or F-4E, or for any combination of MDs and MDSs. Given the assumptions made in the model, each point on the curve is an optimum; i.e., it represents the least-cost mix of spares and depot-level repair for that level of aircraft availability and it also represents the maximal availability achievable for that total cost of procurement and repair.

The input data for the Availability Model are derived from the Air Force Logistics Command's DO41, DO41A, and K004 data systems. They specify, for each recoverable item in the system, the current worldwide asset position including war reserve stocks, failure factors, pipeline times, flying hour programs, item applications by weapon system, base repair fractions, item unit costs and repair costs, and other factors that affect the resource allocation solution and resulting mix of spares. The Availability Model takes explicit



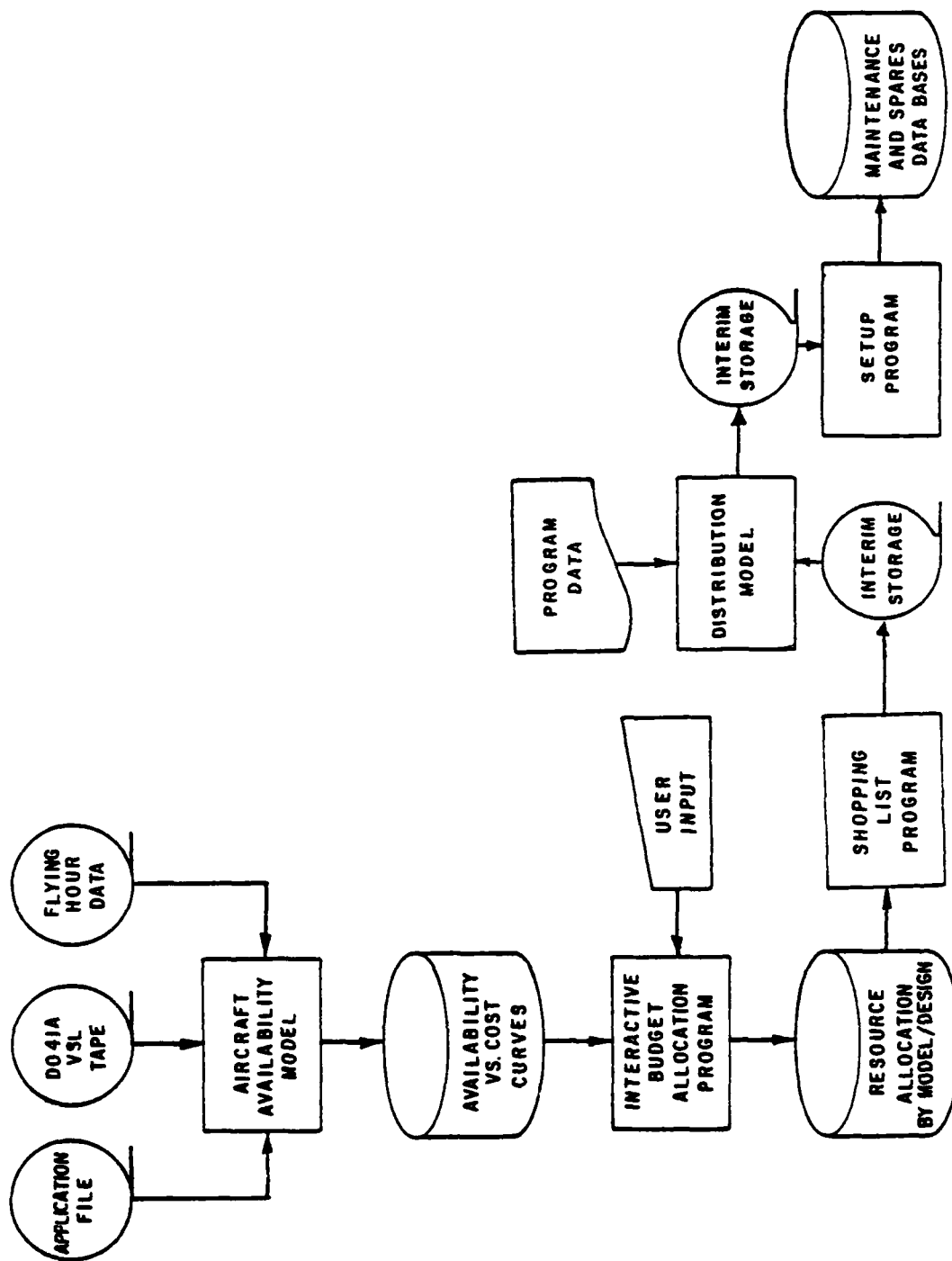


FIGURE 1  
SPARES SUBSYSTEM

account of item commonality, i.e., the application of a component to more than one kind of aircraft, and also estimates the effects of lateral resupply. It is, in short, a powerful, flexible, resource allocation tool for recoverable spares procurement and depot-level repair.

#### The Interactive Budget Allocation Program

This program enables a user to specify the amount of money he wishes to allocate to each MD. The program enables the user to choose an availability increment or a budget increment, either positive or negative, will display the current budget allocation and availability for each MD, and will also display the new budget allocation and availability that would result from application of the increment to each MD. The user then selects the MD(s) to which he wishes the increment to be applied. The program keeps track of and displays the total amount of budget dollars allocated to the entire force; that total includes the sum of procurement dollars and depot-level-repair dollars and the two values are optimized beyond the control of the user. The user proceeds iteratively changing and allocating the increment to MDs of his choice until he reaches the budget constraint or a set of availability goals.

The most important feature of the interactive program is the ease with which a user is able to allocate resources across a rather large number (roughly 40) of different MDs in a way that takes military worth explicitly into account. For any specified budget or availability increment, the user is able to see exactly what his tradeoff opportunities and costs are at any point in the decision process.

When the user has allocated a budget, the program stores the results of his final decision so that, at any future time, the set of spares by stock

number and the detailed depot-level-repair program may be produced. The remainder of the process consists of three major steps: (1) The Shopping List Program, (2) the Distribution Model, and (3) the Setup Programs.

The remainder of this volume is dedicated to explaining these three steps. We assume that the Aircraft Availability Model has been run on current data and that the user has specified availability levels for all aircraft and, implicitly, a total budget level. The next step in the process is to run the Shopping List Program.

#### THE SHOPPING LIST PROGRAM

The output of the Interactive Budget Allocation Program, a function of the user's allocation decisions, is subsequently used by the Shopping List Program to extract from the Availability Model output the quantity of spares of each component that results from the decision process and the set of availability-vs.-cost curves that were input to the interactive program. Thus, the Shopping List Program produces a world-wide stockage level for every recoverable component in the Air Force system.

The Shopping List Program used by the SGM is a simplified version of a Shopping List Program that is used routinely with the Aircraft Availability Model for budget planning and other purposes. It is simplified to the extent that it generates a shopping list of line-replaceable units (LRUs) only, i.e., it does not output shop-replaceable units (SRUs). It outputs for each LRU the expected delay in base repair due to SRU backorders. The shopping list for SRUs isn't needed by the SGM because the expected delay in base repair of the LRU fully accounts for the impact of the SRU asset position.

As the user goes through the decision process involved in specifying availability levels and allocating a total budget, each of his decisions is

numbered and stored by the Interactive Budget Allocation Program. The Shopping List Program simply retrieves the stock levels associated with a particular decision.

#### Inputs

Prior to running the Shopping List Program, the user needs to know the job name (JOBNAME) and the tape number of the level-one, tape one (T1-1) from the Aircraft Availability Model run, the interactive decision number of the decision he wishes to implement from the Interactive Budget Allocation Program, and the area code (AREACODE) of the output tape of the Shopping List Program. It is assumed that the user knows his IDENT code and NAME.

#### Job Submission Procedures

Figure 2 shows what entries are required to submit the Shopping List Program. The system's output to the user's terminal is shown without underlining; the user's responses are underlined. These responses are only

```
SYSTEM ?RUNY LA61A/SUBMIT,R
```

```
***** STARS SUBMIT SUBSYSTEM *****
```

```
=RUN LA61A/STARS/JCL/IR/SSHOP  
ENTER IDENT ?  
=OS2011N232D ,OS29USLAY  
ENTER NAME ?  
=ABELL  
ENTER JOBNAME ?  
=IWRM80S3  
ENTER AREACODE ?  
=OS2942  
ENTER T1-1# ?  
=28506  
ENTER DECISION# ?  
=15
```

```
JOB SUBMITTED  
SNUMB # 7051U
```

FIGURE 2. SUBMISSION OF SHOPPING LIST PROGRAM

examples. An authorized user of System C will have his own responses. The important responses here are the run commands.

The job control language (JCL) for the Shopping List Program is shown in Figure 3. A listing of its source program is provided in Appendix A and a sample of a few pages of its output can be found in Appendix B.

```
*LIST LA61A/STARS/JCL/IR/SSHOP  
  
100##N,R(XL)  
110$: IDENT:&IDENT.  
120$:NOTE:SSHOP (LRU SHOPPING LIST WITH SRUEBO) RUN FOR &NAME.  
130$:MSG1:4,ULGSS&JOBNAME.,&AREACODE.,090  
140$:OPTION:FORTTRAN  
150$:SELECT:LA61A/STARS/OBJECT/IR/SSHOP.0  
160$:EXECUTE  
170$:LIMITS:39,14K,,25K  
180$:TAPE9:01,X1DD,,&T1-1#.,,###  
190$:PRMFL:02,R,R,LA61A/STARS/JOBS/&JOBNAME./ISTAT  
200$:DATA:03  
210 &DECISION#.  
220$:FILE:04,NULL  
230$:TAPE9:05,T1D,,,SS&JOBNAME.***  
240$:FILE:09,NULL  
250$:ENDJOB
```

FIGURE 3. JCL FOR SHOPPING LIST PROGRAM

#### THE DISTRIBUTION MODEL

The Distribution Model operates on the output of the Shopping List Program. Its purpose is to find the distribution of stock levels for all items among all bases and the depot such that the value of expected base-level backorders is minimized. The Distribution Model takes explicit account of the world-wide distribution of aircraft by MDS and their collocation by base.

The Distribution Model allocates the asset position specified by the Shopping List Program to the depot and the particular bases so as to minimize total expected backorders. The Distribution Model does this one component at

a time. First, all the data about a particular component are read in. These data include:

- The total number of assets worldwide as specified by the Shopping List.
- The total demand rate, the repair times, the percentage of repairs at each echelon, the condemnation rate, the production lead time, etc., as specified by the VSL Tape.
- The MDS, Quantity Per Aircraft (QPA), and the Future Application Percentage (FAP) of each MDS application for that component as specified by the Application Tape.
- The distribution of the MDSs to the various bases, and their flying hour programs as specified by the Aircraft File.
- The demand rate per flying hour as specified by the D041-01 Records Tape.

The Model computes the demand rate at each individual base and at the depot. The world-wide assets are allocated to the bases and the depot using an algorithm which is equivalent to trying all possible distributions and picking the one with the lowest total expected backorders. The results of this distribution are written to tape and the model reads in the next component.

The user must generate the Aircraft File (called ACLIST) from information contained in the Air Force Program Document (PD). Each base in the file is assigned a number and a list of the bases and their numbers is saved in a file (referred to as the Base List). Examples of an Aircraft File and a Base List are contained in Appendices C and D.

The output of the Distribution Model is a file of all recoverable components by NSN that reflects the stock levels of that NSN allocated to every base world-wide and the depot stock level. This file reflects directly the input budget originally allocated by the user of the Interactive Budget Allocation Program.

### Inputs

Prior to running the Distribution Model the user needs to know the tape numbers of the VSL tape, the DO41 system "01" tape, and the application file that were input to the Aircraft Availability Model and of the output tape from the Shopping List Program. He also needs the file name of the file that reflects the distribution of aircraft and flying hours among bases (ACLIST) and the area code (AREACODE) for the output tape of the Distribution Model. Again, it is assumed that the user knows his IDENT code and NAME.

### Job Submission Procedures

Figure 4 shows the entries required to run the Distribution Model. As before, the system's output to the user's terminal is shown without underlining; the user's responses are underlined.

The JCL for the Distribution Model is shown in Figure 5. A listing of its source program is provided in Appendix E. Appendix F contains a sample of the Distribution Model's output.

### THE SETUP PROGRAMS

The Setup Program provides an interface between the general spares data base generated by the Distribution Model and a particular spares data base needed by the SGM. The principal function of the Setup Program is to read the Distribution Model output tape selecting the data for the base and MDS(s) of interest and saving those data on a disc file suitable for use by the SGM.

The file created by the Setup Program contains data for each LRU for the base and MDS(s) of interest. The data are stored one component at a time

SYSTEM ?RUNY LA61A/SUBMIT,R

\*\*\*\*\* STARS SUBMIT SUBSYSTEM \*\*\*\*\*

=RUN LA61A/STARS/JCL/DM/SDIST  
ENTER IDENT ?  
=OS2011N232D ,OS29USLAY  
ENTER NAME ?  
=ABELL  
ENTER DIST-T-NAME ?  
=DISTWQ53  
ENTER AREACODE ?  
=OS2942  
ENTER SHOP-T# ?  
=21971  
ENTER ACLIST ?  
=SRTDPDOJ  
ENTER VSL-T# ?  
=21185  
ENTER APP-T# ?  
=20087  
ENTER DO1-T# ?  
=26140

JOB SUBMITTED  
SNUMB # 7623U

FIGURE 4. RUNNING THE DISTRIBUTION MODEL

with one record per component. The data for each component are:

1. NSN - The national stock number of the component.
2. DEMAND - The demand (break) rate in failures per flying hour.
3. QPA - The quantity installed on each aircraft.
4. FAP - The "Future Application Percentage", the percentage of the missions on which the component is installed.
5. NSPARES - The number of spares of that component (on hand, in repair, and on order) at that base.
6. RESUPPLY - The expected number of units in resupply at the start of the scenario.



\*LIST LA61A/STARS/JCL/DM/SDIST

```
100##N,R(XL)
110$:IDENT:&IDENT.
120$:NOTE:SDIST RUN FOR &NAME.
130$:MSG1:4,ULG&DIST-T-NAME.,&AREACODE.,090
140$:OPTION:FORTRAN
150$:SELECT:LA61A/STARS/OBJECT/DM/HIDMM.0
160$:SELECT:LA61A/STARS/OBJECT/DM/FDEB0.0
170$:SELECT:LA61A/STARS/OBJECT/DM/PICND.0
180$:EXECUTE
190$:LIMITS:199,29K.,,19K
200$:FILE:01,A3CR,600L
210$:PRMFL:03,R,S,LA61A/STARS/COMMON/DM/THREESIM
220$:TAPE9:04,A4DD.,,&SHOP-T#.,,###
230$:DATA:05
240$:SELECTA:LA61A/STARS/COMMON/DM/&ACLIST.
250$:REMOTE:07
260$:TAPE9:11,A5DD.,,&VSL-T#.,,###
270$:TAPE9:12,A6DD.,,&APP-T#.,,###
280$:OPTION:FORTRAN
290$:SELECT:LA61A/STARS/OBJECT/DM/HDR.0
300$:EXECUTE
310$:LIMITS:99,15K.,,1K
320$:TAPE9:01,A7DD.,,&D01-T#.,,###
330$:FILE:02,A3SS
340$:TAPE9:03,A8CC.,,&DIST-T-NAME.***
350$:IF:ABORT,LX1
360$:GOTO:NX1
370$:NOTE
380$:NOTE
390$:NOTE:SAVE OUTPUT FROM HIDMM ON TAPE
400$ LX1. LABEL
410$:UTILITY
420$:LIMITS:20,10K.,,1K
430$:FUTIL:AA,BB,REW/AA,BB/,COPY/1F/
440$:FILE:AA,A3RR
450$:TAPE9:BB,A8CD.,,&DIST-T-NAME.***
460$:IF:ABORT,ENDJOB
470$ NX1. LABEL
480$:ENDJOB
```

FIGURE 5. JCL FOR THE DISTRIBUTION MODEL

7. BNRTS - The percentage of breaks which are "Not Repairable This Station" at the base.
8. BRESDBAYS - The expected number of days it takes to repair a component at base (including any delay awaiting SRUs).

9. DRESDDAYS - The expected number of days between when a component is declared NRTS (when an order is made to the depot) and when the replacement arrives from the depot (including any delay at the depot due to lack of spares there).

If a setup run is being made for a single MDS at a particular base (see the first example in the Job Submission Procedures section) and the component is not installed on any other MDS at that base then the Setup Program simply transfers the data from the Distribution Model output tape to the SGM Spares Input File. However, certain cases require the Setup Program to make calculations based on some important assumptions. The explanations follow.

The organization to be set up need not possess only one MDS. For example, the SGM run desired may be for an F-15 wing consisting of 54 F-15As and six F-15Bs. The QPAs and FAPs for a component of these MDSs may not be the same. The SGM needs a single QPA and a single FAP which represents the components application to the entire wing. The Setup Program sets the QPA for the wing to the maximum of the QPAs for the individual MDSs. The FAP is chosen so as to give the correct total number installed. In the example, if a component's QPA and FAP for the F-15A were one and 1.0, respectively, and to the F-15B two and 0.8, respectively, then the QPA for the wing would be two, and to get the FAP we compute:

$$\text{Total Installed} = (1 \times 1.0 \times 54) + (2 \times 0.8 \times 6) = 63.6$$

$$= 2 \times \text{FAP} \times 60$$

$$\text{FAP} = 0.53$$

For a particular component, the Distribution Model considers the demands for that component at each base and the depot, and distributes the assets so as to minimize the total expected backorders for that component. If, at a particular base, there is only one aircraft type that uses the component, then all the spares allocated to that base by the Distribution Model are designated for use by that aircraft, and the total expected number in resupply at that

base are from that aircraft. However, if the component is common to two or more aircraft types then the input to the SGM for one of those aircraft types should reflect the sharing of the spares and the number of units in resupply. This sharing is modeled in the following way.

For a component that is common to more than one aircraft type at a particular base, each aircraft type is responsible for a proportion of the total demands for that component at that base. The spares at that base are partitioned (rounded to the nearest integer) to the aircraft types in proportion to their shares of the demands. The expected number in resupply for an aircraft type is chosen so that the expected backorders for that aircraft type (given the number of spares just computed) will be equal to the total expected backorders at that base times that aircraft type's share. In the previous example, suppose the share for the F-15 wing is .5; that is, half of the expected demands for that component at that base come from other aircraft. Now, suppose the expected number in resupply is 3.45236 and there are six spares. The F-15 wing gets three spares and the number of units in resupply for the wing is that number which would give an EBO for the wing equal to .5 times the EBO for the whole base. The EBO for the whole base is the EBO for six spares and an expected number in resupply of 3.45236. (The base EBO equals 0.10.) The EBO for the wing is 0.05 and the expected number in resupply which, with three spares, yields that EBO is 1.25290.

For the component and base in this example, the inputs to the SGM would include:

QPA = 2  
FAP = 0.53  
NSPARES = 3  
RESUPPLY = 1.25290

The principal assumption in letting the EBO and the number of spares prorate linearly with the share of demands is that there is no economy of scale benefit from the sharing of the spares pool at a base. While this assumption is very inaccurate for peacetime operations, in a surge scenario it is quite good. In computing NSPARES, the Setup Program rounds to the nearest integer. This obviously introduces some error. The error attributable to the linearity of the prorating is less than the error of the rounding.

In addition to modeling an organization of aircraft at a particular base, the SGM can be used to model a "notional" base. For a particular set of MDSs, the notional base should produce sorties at a rate that is the average of all the bases that have any of the MDSs in the set. This allows the user to estimate the total world-wide sortie production of a particular set of MDSs by making a single notional SGM run and multiplying the results by the number of bases which have any of the MDSs in the set. In setting up the spares inputs to the SGM for a notional base, one depends heavily on the linear prorating assumption. However, it is with the notional base model that we have validated the accuracy of that assumption.

For the notional base, the computation of the number of spares and the expected number in resupply is essentially the same as for a particular base except the spares and EBO are prorated in proportion to a share of the world-wide total.

First, the total number of spares and total EBO at all the bases are computed. Next, the percentage of the total world-wide expected demands for that component that come from the aircraft type of interest is computed. Also, the total number of bases that use both the component and aircraft type (NBASES) is computed. The share of the total world-wide demands for the component due to one notional base equals the percentage of total demands due

to the aircraft type of interest, divided by NBASES. The number of spares for the notional base is then prorated from the world-wide total proportional to this share, exactly the same way as for a particular base. The EBO is prorated the same way and the expected number in resupply is chosen to give the correct EBO, exactly as in the particular base computation.

#### Inputs

In order to run the Setup Program for a particular base, the user needs to have the tape number of the output file produced by the Distribution Model. One may wish to copy that tape so that, in the event that one needs to run Setup Programs repeatedly, there will be no delay waiting for one run to finish with the tape before it can be used for another. The user also needs the base number from the Base List for the particular base of interest, and he needs to specify each MDS at the particular base. He also needs to specify a value for flying hours per day. The use that is made of this value is to sort components according to the likelihood that they will suffer shortages that will constrain the sortie-generation capability of the organization. The actual value specified need only be approximate. Finally, the user must be prepared to specify his choice of a file name for the output file that the Setup Program will write on disc for use by the SGM. The entries required to run the Setup Program for a particular base are shown in Figure 6.

In order to run the Setup Program for a notional base, the user does not need to specify a base number; however, he does need to specify all MDSs he wishes to have combined in the notional base. In the example shown in Figure 7, the intention is to construct a notional F-4 base; thus, the user specifies the RF-4C, F-4E, and F-4G to be included.

SYSTEM ?RUNY LA61A/SUBMIT,R

\*\*\*\*\* STARS SUBMIT SUBSYSTEM \*\*\*\*\*

```
=RUN LA61A/STARS/JCL/DM/SET1UP
ENTER IDENT      ?
=OS2011N232D ,OS29USLAY
ENTER NAME       ?
=ABELL
ENTER DIST-T#    ?
=26393
ENTER OUTFILE    ?
=F4/SEYMOUR
ENTER BASE-#     ?
=135
ENTER FHPERDAY   ?
=3
ENTER MDS        ?
=" F004E"
```

JOB SUBMITTED  
SNUMB # 7159U

FIGURE 6. RUNNING A SETUP PROGRAM  
FOR A PARTICULAR BASE

#### Job Submission Procedures

The example shown in Figure 6 is for a base with a single MDS of interest; hence, the JCL carries the name SET1UP. The JCL is shown in Figure 8. Other examples of JCL are shown in Figures 9 through 11 for particular bases with two, three, or four MDSs. The user can easily construct JCL for particular bases with more than four MDSs by straightforward extension.

Figure 7 shows the entries required to run the Setup Program for a notional base. In the example chosen, the F-4 is the weapon system of interest. Since there are three MDSs involved, as mentioned previously, the JCL has the name SET3UPN. The JCL for one, two, three, and four MDSs are shown in Figures 12 through 15. Again, the user can create JCL for more than four MDSs by simple extension.

SYSTEM ?RUNY LA61A/SUBMIT,R

\*\*\*\*\* STARS SUBMIT SUBSYSTEM \*\*\*\*\*

```
=RUN LA61A/STARS/JCL/DM/SET3UPN
ENTER IDENT          ?
=0S2011N232D ,0S29USLAY
ENTER NAME           ?
=ABELL
ENTER DIST-T#        ?
=26393
ENTER OUTFILE         ?
=F4/NOTIONAL
ENTER FHPERDAY        ?
=3
ENTER MDS1            ?
=" RF004C"
ENTER MDS2            ?
=" F004E"
ENTER MDS3            ?
=" F004G"
```

JOB SUBMITTED  
SNUMB # 7218U

FIGURE 7. RUNNING A SETUP  
PROGRAM FOR A NOTIONAL BASE

```
*LIST LA61A/STARS/JCL/DM/SET1UP

100##N,R(XL)
110$: IDENT:&IDENT.
120$:NOTE:SET1UP RUN FOR &NAME.
130$:OPTION:FORTRAN
140$:SELECT:LA61A/STARS/OBJECT/DM/SETUP.O
150$:SELECT:LA61A/LMILIB.O/PIPECMP.O
160$:SELECT:LA61A/LMILIB.O/EBOCMP.O
170$:SELECT:LA61A/LMILIB.O/DFACTLNO
175$:SELECT:LA61A/LMILIB.O/MSORTD.O
180$:EXECUTE
190$:LIMITS:39,25K.,10K
200$:TAPE?:01,A1DD.,&DIST-T#.,###
210$:PRMFL:02,W,S,LA61A/SLAY/DATA/&OUTFILE.
220$:DATA:05
230#&BASE-#.
235#&FHPERDAY.
240#&MDS.
250$:ENDJOB
```

FIGURE 8. JCL FOR A SETUP PROGRAM FOR  
A PARTICULAR BASE WITH ONE MDS

```

*LIST LA61A/STARS/JCL/DM/SET2UP

100##N,R(XL)
110$: IDENT:&IDENT.
120$: NOTE:SET2UP RUN FOR &NAME.
130$: OPTION:FORTRAN
140$: SELECT:LA61A/STARS/OBJECT/DM/SETUP.O
150$: SELECT:LA61A/LMILIB.O/PIPECMPO
160$: SELECT:LA61A/LMILIB.O/EBOCMP.O
170$: SELECT:LA61A/LMILIB.O/DFACTLNO
175$: SELECT:LA61A/LMILIB.O/MSORTD.O
180$: EXECUTE
190$: LIMITS:39,25K,,10K
200$: TAPE9:01,A1DD,,&DIST-T#...###
210$: PRMFL:02,W,S,LA61A/SLAY/DATA/&OUTFILE.
220$: DATA:05
230##&BASE-#.
235##&FHPERDAY.
240##&MDS1.
242##&MDS2.
250$: ENDJOB

```

FIGURE 9. JCL FOR A SETUP PROGRAM FOR  
A PARTICULAR BASE WITH TWO MDSs

```

*LIST LA61A/STARS/JCL/DM/SET3UP

100##N,R(XL)
110$: IDENT:&IDENT.
120$: NOTE:SET3UP RUN FOR &NAME.
130$: OPTION:FORTRAN
140$: SELECT:LA61A/STARS/OBJECT/DM/SETUP.O
150$: SELECT:LA61A/LMILIB.O/PIPECMPO
160$: SELECT:LA61A/LMILIB.O/EBOCMP.O
170$: SELECT:LA61A/LMILIB.O/DFACTLNO
175$: SELECT:LA61A/LMILIB.O/MSORTD.O
180$: EXECUTE
190$: LIMITS:39,25K,,10K
200$: TAPE9:01,A1DD,,&DIST-T#...###
210$: PRMFL:02,W,S,LA61A/SLAY/DATA/&OUTFILE.
220$: DATA:05
230##&BASE-#.
235##&FHPERDAY.
240##&MDS1.
242##&MDS2.
244##&MDS3.
250$: ENDJOB

```

FIGURE 10. JCL FOR A SETUP PROGRAM FOR  
A PARTICULAR BASE WITH THREE MDSs



```

*LIST LA61A/STARS/JCL/DM/SET4UP

100##N,R(XL)
110$: IDENT:&IDENT.
120$: NOTE:SET4UP RUN FOR &NAME.
130$: OPTION:FORTTRAN
140$: SELECT:LA61A/STARS/OBJECT/DM/SETUP.O
150$: SELECT:LA61A/LMILIB.O/PIPECMPO
160$: SELECT:LA61A/LMILIB.O/EBOCMP.O
170$: SELECT:LA61A/LMILIB.O/DFACTLNO
175$: SELECT:LA61A/LMILIB.O/MSORTD.O
180$: EXECUTE
190$: LIMITS:39,25K,,10K
200$: TAPE9:01,A1DD,,&DIST-T#,,,###
210$: PRMFL:02,W,S,LA61A/SLAY/DATA/&OUTFILE.
220$: DATA:05
230#&BASE-#.
235#&FHPERDAY.
240#&MDS1.
242#&MDS2.
244#&MDS3.
246#&MDS4.
250$: ENDJOB

```

FIGURE 11. JCL FOR A SETUP PROGRAM FOR  
A PARTICULAR BASE WITH FOUR MDSs

```

*LIST LA61A/STARS/JCL/DM/SET1UPN

100##N,R(XL)
110$: IDENT:&IDENT.
120$: NOTE:SET1UPN RUN FOR &NAME.
130$: OPTION:FORTTRAN
140$: SELECT:LA61A/STARS/OBJECT/DM/SETUPN.O
150$: SELECT:LA61A/LMILIB.O/PIPECMPO
160$: SELECT:LA61A/LMILIB.O/EBOCMP.O
170$: SELECT:LA61A/LMILIB.O/DFACTLNO
175$: SELECT:LA61A/LMILIB.O/MSORTD.O
180$: EXECUTE
190$: LIMITS:39,25K,,10K
200$: TAPE9:01,A1DD,,&DIST-T#,,,###
210$: PRMFL:02,W,S,LA61A/SLAY/DATA/&OUTFILE.
220$: DATA:05
235#&FHPERDAY.
240#&MDS.
250$: ENDJOB

```

FIGURE 12. JCL FOR A SETUP PROGRAM FOR  
A NOTIONAL BASE FOR ONE MDS

\*LIST LA61A/STARS/JCL/DM/SET2UPN

```
100##N,R(XL)
110$: IDENT:&IDENT.
120$: NOTE:SET2UPN RUN FOR &NAME.
130$: OPTION:FORTRAN
140$: SELECT:LA61A/STARS/OBJECT/DM/SETUPN.O
150$: SELECT:LA61A/LMILIB.O/PIPECMPO
160$: SELECT:LA61A/LMILIB.O/EBOCMP.O
170$: SELECT:LA61A/LMILIB.O/DFACTLNO
175$: SELECT:LA61A/LMILIB.O/MSORTD.O
180$: EXECUTE
190$: LIMITS:39,25K,,10K
200$: TAPE9:01,A1DD,,&DIST-T#.,,###
210$: PRMFL:02,W,S,LA61A/SLAY/DATA/&OUTFILE.
220$: DATA:05
235##&FHPERDAY.
240##&MDS1.
242##&MDS2.
250$: ENDJOB
```

FIGURE 13. JCL FOR A SETUP PROGRAM  
FOR A NOTIONAL BASE FOR AN MD WITH TWO MDSs

\*LIST LA61A/STARS/JCL/DM/SET3UPN

```
100##N,R(XL)
110$: IDENT:&IDENT.
120$: NOTE:SET3UPN RUN FOR &NAME.
130$: OPTION:FORTRAN
140$: SELECT:LA61A/STARS/OBJECT/DM/SETUPN.O
150$: SELECT:LA61A/LMILIB.O/PIPECMPO
160$: SELECT:LA61A/LMILIB.O/EBOCMP.O
170$: SELECT:LA61A/LMILIB.O/DFACTLNO
175$: SELECT:LA61A/LMILIB.O/MSORTD.O
180$: EXECUTE
190$: LIMITS:39,25K,,10K
200$: TAPE9:01,A1DD,,&DIST-T#.,,###
210$: PRMFL:02,W,S,LA61A/SLAY/DATA/&OUTFILE.
220$: DATA:05
235##&FHPERDAY.
240##&MDS1.
242##&MDS2.
244##&MDS3.
250$: ENDJOB
```

FIGURE 14. JCL FOR A SETUP PROGRAM FOR A  
NOTIONAL BASE FOR AN MD WITH THREE MDSs

```

*LIST LA61A/STARS/JCL/DM/SET4UPN

100##N,R(XL)
110$: IDENT:&IDENT.
120$: NOTE:SET4UPN RUN FOR &NAME.
130$: OPTION:FORTTRAN
140$: SELECT:LA61A/STARS/OBJECT/DM/SETUPN.O
150$: SELECT:LA61A/LMILIB.O/PIPECMP.O
160$: SELECT:LA61A/LMILIB.O/EBOCMP.O
170$: SELECT:LA61A/LMILIB.O/DFACTLNO
175$: SELECT:LA61A/LMILIB.O/MSORTD.O
180$: EXECUTE
190$: LIMITS:39,25K,,10K
200$: TAPE9:01,A1DD,,&DIST-T#.,,###
210$: PRMFL:02,W,S,LA61A/SLAY/DATA/&OUTFILE.
220$: DATA:05
235##&FHPERDAY.
240##&MDS1.
242##&MDS2.
244##&MDS3.
246##&MDS4.
250$: ENDJOB

```

FIGURE 15. JCL FOR A SETUP PROGRAM FOR  
A NOTIONAL BASE FOR AN MD WITH FOUR MDSs

A listing of the source code for the Setup Program for a particular base is contained in Appendix G. Appendix H contains the source program for a notional base.

Appendices J and K contain samples of output file listings produced by the Setup Programs for a particular base and a notional base, respectively.

#### WAR RESERVE SPARES

War reserve spares are easily modelled by the SGM system. In running the Aircraft Availability Model, the user must exclude war reserve spares from the asset position. Then, the Air Force Logistics Command's D029 system output file is used to determine the range and depth of the particular war reserve spares kit (WRSK) of interest and those quantities by stock number are simply added to the output file of the Setup Program. If the UE strength of the base of interest is different from the UE strength for which the WRSK was designed,

the user must adjust the quantities in the WRSK as he deems appropriate. The addition of war reserve spares to the output of the Setup Program can be done with a simple program of the user's design or even with the system's edit capability.

APPENDIX A

SOURCE CODE OF THE SHOPPING LIST PROGRAM

SYSTEM ?LIST LA61A/STARS/SOURCE/IR/SSHOP01

```
990C ** ** SSHOP01 6/12/81 FOR IR PASSES SRUEBO FROM SHIIRE01.
1000C ** ** SHOPL04 5/12/81 FOR INDENTURE-REPAIR
1010C     THIS VERSION IS GREATLY MODIFIED W/ MORE PRINTOUT AND COMMENTS
1020C ** ** SHOPL03 2/12/81 INDENTURE REPAIR
1030C     ADDED STATEMENTS TO WRITE TO FILE 6
1040C
1050C ** ** SHOPL01 1/28/81 FOR INDENTURE-REPAIR
1060     DIMENSION CSV(45),INXMD(45),SHARE(45),NAIR(45)
1070     REAL MACCASHR(45),MACCASHP(45),MXCOST
1080     CHARACTER NSN*18,ALC*2,SMC*4,SONSNT*18(200),MD*4,MACMD*4(45)
1090     CHARACTER MDI*3,IEC*3
1100     INTEGER NWRITES/0/,ITARGET
1110     LOGICAL DEBUG
1120     CALL RANSIZ(02,365,0)
1130     READ(02'1)NDECIDE,NAIR,MACMD,DATL,TIML
1140     WRITE(4)'ZZZZZZZZZZZZZZZZZZ',0.
1150     NUMMD=0
1160     2 NUMMD=NUMMD+1
1170     IF(MACMD(NUMMD).NE.'ZNU')GO TO 2
1180     READ(03,5)IDECIDE
1190     5 FORMAT(V)
1200     IF(IDECIDE.GT.NDECIDE)IDECIDE=NDECIDE
1210     READ(02'IDECIDE+2)CSV,CSV,CSV
1220     WRITE(6,10)NDECIDE,IDECIDE
1230     10 FORMAT('1 NDECIDE,IDECIDE =',2I3)
1240     DO 15 I=1,NUMMD
1250         WRITE(6,12)MACMD(I),CSV(I)
1260     12 FORMAT(' MACMD,CSV = ',A4,E12.5)
1270     15 CONTINUE
1280     WRITE(5)IDECIDE
1290C
1300C
1310C*****
1320C**** BEGIN NEW COMPONENT. INITIALIZE # BOUGHT AND MXCOST.
1330C**** MXCOST IS THE MAX. OVER ALL MD'S, OF THE #'S TO THE COMPONENT.
1340     20 LRUBAWT=0
1350     MXCOST=0.
1360     READ(1,END=999)
1370     &NSN,COST,RCOST,ALC,SMC,TASSE,MAXREP,MWRMA,MWRMR,
1380     &COMINS,COMINSR,COMMSRU,COMMSRUR,COMNAS,COMNASR,COMNEG,COMNEGR,
1390     &COMP1P,COMP1PR,PCOMSRU,PCOMSRUR,EBOS,SVPBAWT,NSONS,MDCT
1400     &,MDI,IEC
1410     DEBUG=(NSN.GT.'284000000'.AND.NSN.LT.'284000002')
1420     &.OR.NSN.GT.'99999'
1430     IF(DEBUG)PRINT,' TAPE 1 HEADER ',
1440     &NSN,COST,RCOST,ALC,SMC,TASSE,MAXREP,MWRMA,MWRMR,COMINS,
1450     &COMINSR,COMMSRU,COMMSRUR,COMNAS,COMNASR,COMNEG,COMNEGR,COMP1P,
1460     &COMP1PR,PCOMSRU,PCOMSRUR,EBOS,SVPBAWT,NSONS,MDCT,MDI,IEC
1470     IF(NSONS.GT.0)READ(1)(SONSNT(I),I=1,NSONS)
1480     IF(DEBUG.AND.NSONS.GT.0)PRINT,(SONSNT(I),I=1,NSONS)
```

```

1490     SUNKC=CONINS+CONNAS+CONNEG+COMPIP
1500     SUNKR=CONINSR+CONNASR+CONNEGR+COMPIPR
1510     NPROC=(SUNKC-SUNKR)/COST+.5
1520     NREP=SUNKR/RCOST+.5
1530     ITASSE=TASSE+.5
1540     IF(TASSE.LE.-.5) ITASSE=ITASSE-1
1550     ITASSE=ITASSE+NPROC+NREP
1560     IF(DEBUG)PRINT, " NPROC,NREP,ITASSE=",NPROC,NREP,ITASSE
1570C
1580C*** PROCESS ALL MD'S THAT THE COMPONENT IS INSTALLED ON.
1585     SVLAST=1.
1590     DO 80 I=1,MDCT
1600         READ(1)MD,SHARE(I),NREC
1610         IF(DEBUG)PRINT,MD,SHARE(I),NREC
1620C* == FIND MD
1630         DO 30 J=1,NUMMD
1640             IF(MD.EQ.MACHD(J))GO TO 40
1650     30  CONTINUE
1660C* == COULDN'T FIND MD
1670         PRINT, " (*X)(*X) ",MD,".NE.ANY MD'S LISTED"
1680         INDXMD(I)=NUMMD
1690         IF(NREC.EQ.0)GO TO 80
1700         DO 35 K=1,NREC
1710             READ(1)
1720     35  CONTINUE
1730             GO TO 80
1740C
1750C* == PROCESS THIS MD. UPDATE IF TCOST EXCEEDS MXCOST.
1760     40  TCOST=0.
1770         INDXMD(I)=J
1780         IF(NREC.EQ.0)GO TO 80
1790         DO 50 K=1,NREC
1800             READ(1)SV,GLCOST,GLCOSTR,NLRUS,SVP,SRUEBO
1810             IF(DEBUG)PRINT, " REC IS ",SV,GLCOST,GLCOSTR,NLRUS,SVP
1820             IF(SV.LT.CSV(J))GO TO 60
1830             TCOST=TCOST+GLCOST/SHARE(I)
1840             IF(TCOST.LE.MXCOST)GO TO 50
1845             SVLAST=SV
1850             MXCOST=TCOST
1860             LRU$BAWT=NLRUS
1870             SVP$BAWT=SVP
1875             SRUEBAWT=SRUEBO
1880     50  CONTINUE
1890             GO TO 80
1900     60  IF(K.EQ.NREC)GO TO 80
1910             DO 70 L=K+1,NREC
1920                 READ(1)
1930     70  CONTINUE
1940C
1950     80  CONTINUE
1960C
1970C
1980C*** COMPUTE FINAL VALUES AND WRITE.

```

```

1990      ITARGET=ITASSE+LRUSBWMT
2000      NLRUSPRO=MAX(NPROC,NPROC+LRUSBWMT-MAXREP)
2010      NLRUSREP=NREP+NPROC+LRUSBWMT-NLRUSPRO
2020      IF(DEBUG)PRINT," ITARGET,NLRUSPRO=",ITARGET,NLRUSPRO
2030      DO 90 I=1,MDCI
2040      IXMD=INDXMD(I)
2050      MACCASHP(IXMD)=MACCASHP(IXMD)+SHARE(I)*NLRUSPRO*COST
2060      MACCASHR(IXMD)=MACCASHR(IXMD)+SHARE(I)*NLRUSREP*RCOST
2070  90 CONTINUE
2080      IF(NSONS.LE.0)GO TO 105
2090      DO 100 I=1,NSONS
2100  100 WRITE(4)SONSNT(I),SVPBMT
2110  105 NWRITES=NWRITES+1
2120      IF(MOD(NWRITES,50).EQ.1)WRITE(6,150)
2130  150 FORMAT("1      NSN",9X,"ALC SMC COST",5X,"RCOST",3X,
2140      &"TARGET NLRUSREP NLRUSPRO SVLAST EBOS ITASSE NREP NPROC"
2145      &," LAST MD NREC SRUEB0")
2150      WRITE(5)NSN,ALC,SMC,COST,RCOST,ITARGET,NLRUSREP,NLRUSPRO,SRUEBMT
2160      WRITE(6,200)NSN,ALC,SMC,COST,RCOST,ITARGET,NLRUSREP,NLRUSPRO
2170      & ,SVLAST,EBOS,ITASSE,NREP,NPROC,MACMD(IXMD),NREC,SRUEBMT
2180  200 FORMAT(1X,A18,1X,A2,1X,A4,F10.2,F9.2,I6,2I9,1X,2E9.2,
2185      & 3I6,4X,A4,I7,F9.2)
2190      GO TO 20
2200C
2210C
2220C
2230C*****
2240C**** END LOGIC
2250  999 REWIND 9
2260      WRITE(9,1050)NUMMD
2270  1050 FORMAT(1X,I3)
2280      WRITE(9,1060)(MACMD(I),I=1,NUMMD)
2290  1060 FORMAT(1X,A4)
2300      WRITE(9)(MACCASHR(I),I=1,NUMMD)
2310      WRITE(9)(MACCASHP(I),I=1,NUMMD)
2320      PRINT," NWRITES=",NWRITES
2330      STOP;END

```



APPENDIX B  
SAMPLE OF OUTPUT FROM THE  
SHOPPING LIST PROGRAM

SS 70510 ENTERED C AT 11.258 FROM TSS/S 0-08-16

```

0001 $ SNUMB 70510
0002 $ COMMENT OS29SLAY TSS CARDIN
0003 $$ USERID OS29SLAYS#####
0004 $ IDENT OS2011N2320 ,OS29USLAY 0110
0005 $ NOTE SSHOP (LRU SHOPPING LIST WITH SRUEBO) RUN FOR ABELL 120
0006 $ MSG1 4,ULGSSTKRM80S3,OS2942,090 130
0007 $ OPTION FORTRAN 00140
0008 $$ SELECT LA61A/STARS/OBJECT/IR/SSHOP.O 00150
0009 $ OBJECT SSHOP01 6/12/81 FOR IR PASSES SRUEBO FROM Y16.3A4090481.....00
0011 AS EXECUTE 000160
0012 $ LIMITS 30,14K,,25K 00170
0013 $ TAPE9 01,X10D,,28506,,### 0180
0014 $$ PRMF1 02,R,P,LA61A/STARS/JOPS/IWRM80S3/ISTAT 0190
0015 $ DATA 03 200
0016 $ FILE 04,NULL 220
0017 $ TAPE9 05,T1D,,,SSIWPM80S3*** 0230
0018 $ FILE 09,NULL 240
0019 $ ENDJOB 000250

```

```

* BEGIN ACTIVITY -01-  GELOAD    09/05/81    SW=00000000000000
OPERATOR STARTED WITH #21971 FOR FILE CODE 05 GE  600 BTL  AFDSC 21971 21971  0001 81248  000
INPUT STARTED WITH #28506 FOR FILE CODE 01 GE  600 BTL  AFDSC 28506 28506  0001 81164  000
* NORMAL TERMINATION AT 021103 1=5000 SW=00000000000000

```

START	11.955	LINES	19707	PRNC	0.2299	I/O	0.069	IU	5	MEMORY	14K
STOP	12.264	LIMIT	25600	LIMIT	0.3900	LIMIT		CU	5	M*T	17834
SWAP	0.000										
LAPSE	0.300	FC D TYPE	BUSY	IP/AT	FP/RT	IS/NC	MS/SE	ADDRESS	T#		
		07 R D191 *	16	0	1	1	1	0-08-16			
		R* R D191 *	126	0	0	6	6	0-08-16			
		01 TAPQ	220600		0/03	16778	0	0-16-04	#29506		
		02 R D191 P	65	0	0	100	100R	0-08-11			
		04 NULL	133	0	0	*	*	0-00-00			
		05 TAPQ	9561		0/03	821	0	0-16-05	#21971		
		06 NULL	3	0	0	*	*	0-00-00			
		P* SYOUT									
		L* R D191 *	905	0	0	624	624R	0-08-02			

LIST 113 LINES AT STA. XL  
RC-06 10563 LINES AT STA. XL  
RC-52 31 LINES AT STA. XL

PROCESSOR	I/O	CORE	TOTAL
\$ 7.36	\$ 4.06	\$ 5.00	\$ 16.42

SNUMR = 70510, ACTIVITY # = 01, REPORT CODE = 74, RECORD COUNT = 000113



70510 01 09-05-81 11.956

ORIGIN	DATE	MODULE	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION
020022	07/09/72	FDPT	.FID0. 020136				
017624	10/26/72	FCOM	.FCOM 017633	.FCOM 017640			
015630	04/11/77	FRDD	.FRDD. 015757	.FRDD. 015630			.FRDD. 016002
			.FRDD. 015755	.FRDD. 015630			.FRDD. 016255
			.FRDD. 016014	.FRDD. 015630			RANSIZ 016271
			.FRDD. 016261	.FRDD. 015630			
015372	05/11/73	ESLI	.ESLI 015624	.ESLI 015600			
015446	06/21/73	ESTU	.ESTU 015473	.ESTU 015473			
			.ESTU 015471	.ESTU 015471			
015444	04/09/73	FRCD	.ASCR 015444	.ASCR 015444			.FMDR. 015463
015242	04/05/73	FTAH	.GTAN. 015242				
015246	04/11/77	FMXN	.MXND 015236	.GFLG 015240			
015136	07/09/72	GRED	.GRED 015136	.RFAD 015136			
015040	07/09/72	GMRT	.GMRT 015040	.WRITE 015040			
014756	07/09/72	GMAT	.GMAT 014756	.WAIT 014756			
014726	07/09/72	GSTI	.GSTI 014726				
014632	07/09/72	GSTU	.GSTU 014632				
014562	07/09/72	GMRC	.GMRC 014562				
014032	06/18/73	GGTR	.GGTR 014032				
			.GGTR 014034				
014024	07/09/72	GRMT	.GRMT 014024				
113276	11/08/73	GPTH	.GPTH 013276				
			.GPTH 013304				
013200	07/09/72	GPSZ	.GPSZ 013200				
012414	04/26/73	GOPE	.GOPE 012414				
012406	07/09/72	GRNT	.GRNT 012406				
011732	06/05/73	GCLO	.GCLO 011732				
			.GCLO 011732				
011632	07/09/72	GRFI	.GRFI 011632				
011450	07/09/72	GROR	.GROR 011450				
011366	07/09/72	GRSR	.GRSR 011366				
011312	04/26/73	GRSR	.GRSR 011312				
011034	11/08/73	GRSR	.GRSR 011034				
010662	07/09/72	GRSR	.GRSR 010662				
010640	07/09/72	GRSR	.GRSR 010640				
010362	07/09/72	GRSR	.GRSR 010362				
			.GRSR 010372				
010330	07/09/72	GRSR	.GRSR 010330				
007470	07/09/72	GLAR	.GLAR 007470				
			.GLAR 007476				
007466	04/11/77	GINI	.GINI 007466				

SIZE

034000

024312

024312

024312

024312

024312

024312

024312

024312

024312

024312

024312

024312

024312

024312

024312

RANGE

000000

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

ALLOCATED CORE

000000

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

HFLUCATABLE

000000

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

TAPF9

000000

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

PRNFI

000000

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

DATA

000000

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

FILE

000000

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

TAPF9

000000

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

FILE

000000

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

THRU 033777

ORIGIN DATE MODULE ENTRY LOCATION ENTRY LOCATION ENTRY LOCATION ENTRY LOCATION

FCR AND BUFFER SPACE

AVAILABLE 000101 THRU 007465 007365  
 FILE CTRL BLKS 007132 THRU 007466 000335  
 MAXIMUM BUFFER SPACE REQUIRED 005010

13K, IS THE MINIMUM MEMORY NEEDED TO LOAD THIS ACTIVITY WITH ALL FILES OPEN 730517 F/A  
 001252 LOCATIONS REQUIRED FOR LOAD TABLE  
 EXECUTION PROGRAM ENTERED AT 032312 THROUGH .FSETU

SNUMB = 70510, ACTIVITY # = 01, REPORT CODE = 06, RECORD COUNT = 019563

```

NDECIDE,IOECIDE = 16 15
MACMO,CSV = A007 0.15442E-06
MACMO,CSV = A010 0.27096E-07
MACMO,CSV = A037 0.45065E-05
MACMO,CSV = B052 0.86343E-08
MACMO,CSV = B111 0.30122E-07
MACMO,CSV = C005 0.12050E-07
MACMO,CSV = C130 0.54087E-07
MACMO,CSV = C135 0.15348E-07
MACMO,CSV = C137 0.21988E-03
MACMO,CSV = C140 0.11851E-05
MACMO,CSV = C141 0.16452E-07
MACMO,CSV = E003 0.13573E-07
MACMO,CSV = E004 0.69667E-06
MACMO,CSV = F004 0.14924E-07
MACMO,CSV = F005 0.40547E-06
MACMO,CSV = F015 0.15317E-07
MACMO,CSV = F016 0.25677E-07
MACMO,CSV = F105 0.18677E-05
MACMO,CSV = F106 0.90032E-07
MACMO,CSV = F111 0.94905E-08
MACMO,CSV = H001 0.71849E-06
MACMO,CSV = H003 0.26395E-06
MACMO,CSV = H053 0.24609E-06
MACMO,CSV = T033 0.66064E-06
MACMO,CSV = T037 0.42201E-06
MACMO,CSV = T038 0.13332E-06
MACMO,CSV = T039 0.33460E-06
MACMO,CSV = T043 0.35283E-05
MACMO,CSV = V010 0.21610E-05
MACMO,CSV = ZNUL 0.10000E 01

```

NSU	ALC	SMC	COST	KCOST	TARGET	NI	RUSREP	NLRUSPHN	SVLAST	FHUS	ITASSE	NREP	NPHUL	LAST	MD	NREC	SHUFBU
991	WR 3272	2590.58	591.24	84	140	0	0.16F-07	0.44E 01	61	117	0	F004	14	0.			
	WR 3067	2049.43	2302.11	5	0	0	0.10F 01	0.56E-01	5	0	0	F105	2	0.			
	WR 9999	888.47	590.80	72	0	0	0.10F 01	0.11E 00	72	0	0	A007	5	0.			
	WR 9999	29047.18	4612.46	425	247	0	0.97F-08	0.73E 02	287	109	0	F111	142	17.17			
991	WR 3272	34681.91	13455.11	16	8	0	0.16E-07	0.27F 02	8	0	0	F004	25	5.06			
	WR 9999	1020.90	191.31	75	0	0	0.28F-06	0.14E 00	75	0	0	A007	6	12.02			
	WR 4002	4943.59	988.96	5	7	0	0.83F-07	0.13E 01	0	2	0	C130	7	0.			
	WR 3284	4116.86	960.16	140	0	0	0.10F 01	0.77E-02	140	0	0	F015	1	0.			
991	WR 4002	6743.44	1310.04	28	92	11	0.62F-07	0.41E 01	22	92	5	C130	15	0.			
	WR 9999	5879.51	321.50	114	118	0	0.16E-06	0.45E 01	83	87	0	F106	16	0.01			
	WR 337A	2268.70	453.84	3	28	2	0.26F-06	0.10E 01	1	28	0	A007	9	0.			
	WR 335A	22043.36	4409.77	1	0	0	0.10E 01	0.76E 01	1	0	0	A037	15	0.			
991	WR 3247	20701.87	4021.11	10	26	0	0.20F-07	0.14E 01	3	19	0	F111	9	0.			
	WR 9999	746.34	184.89	144	27	46	0.99F-08	0.44E 02	86	397	0	H052	72	0.10			
	WR 1012	1043.01	306.98	159	424	2	0.71F-07	0.26E 00	6	0	0	H052	2	0.			
	WR 1016	4678.41	935.92	8	0	0	0.25F-06	0.33E 00	43	0	0	A007	4	0.			
991	WR 337A	2175.42	1326.11	44	1	0	0.21E-07	0.39E-01	1	0	0	F111	2	0.			
	WR 3272	78479.46	9088.07	45	0	0	0.21E-07	0.25E 01	45	0	0	F004	9	7.50			
	WR 3247	2253.41	910.36	34	228	0	0.10E-07	0.49E 01	16	210	0	F111	17	0.			
	WR 337A	5856.71	673.12	188	257	0	0.17E-06	0.17E 02	146	215	0	A007	44	2.29			
991	WR 337A	9547.60	1633.66	226	82	0	0.16E-06	0.42E 01	207	63	0	A007	13	0.			
	WR 329A	6072.69	1200.20	54	0	0	0.10E 01	0.21E-03	54	0	0	A010	0	0.			
	WR 1012	392.37	143.90	118	423	0	0.10F-07	0.14E 02	56	361	0	H052	37	0.			
	WR 1017	134.59	52.75	-1032	0	0	0.10E-07	0.15E 02	-1032	0	0	H052	81	0.			
991	WR 101H	2639.78	977.84	21	7	0	0.84E-08	0.13E 00	14	0	0	H052	6	0.			
	WR 9999	983.92	416.18	294	1091	128	0.91E-08	0.44E 02	165	1090	0	H052	93	0.			
	WR 101G	8461.69	883.64	112	344	36	0.94E-08	0.53E 02	45	313	0	H052	80	0.09			
	WR 101G	8533.69	722.14	142	395	101	0.92E-08	0.64E 02	63	395	22	H052	76	0.08			
991	WR 3067	1045.11	603.45	1	2	0	0.69F-05	0.11E 00	0	1	0	F105	2	0.			
	WR 3067	2108.22	1624.52	22	0	0	0.10E 01	0.93E-02	22	0	0	F105	2	0.			
	WR 3062	1082.55	447.76	2	3	0	0.66E-05	0.43E 00	0	1	0	F105	4	0.			
	WR 3067	8330.91	3043.79	17	8	0	0.49E-05	0.12E 01	15	6	0	F105	6	0.			
991	WR 3062	2519.79	504.08	1	7	0	0.14E-04	0.18E 00	0	4	0	F105	3	0.			
	WR 3272	17399.75	5816.29	144	98	0	0.15E-07	0.20E 02	128	82	0	F004	43	2.42			
	WR 3062	2218.62	663.42	22	54	0	0.38E-05	0.18E 01	17	49	0	F105	9	0.			
	WR 9999	719.94	144.02	1264	1512	4	0.89E-08	0.67E 02	1073	1321	0	H052	125	0.			
991	WR 101H	1517.87	963.89	15	32	4	0.12E-07	0.24E 01	2	28	0	H052	11	0.			
	WR 336A	1915.04	383.10	28	89	75	0.27E-05	0.11E 02	15	89	62	V010	24	0.			
	WR 3062	5783.52	352.46	10	0	0	0.10F 01	0.42E-02	10	0	0	F105	1	0.			
	WR 3067	4843.19	2998.62	13	103	0	0.23E-05	0.24E 01	8	98	0	F105	11	0.			
991	WR 4007	2758.57	598.90	29	33	4	0.62E-07	0.19E 01	24	32	0	C130	4	0.			
	WR 101H	3454.51	817.36	12	51	0	0.23E-07	0.11F 01	1	40	0	H052	7	0.			
	WR 101H	1430.28	286.13	5	0	0	0.10F 01	0.64E-03	5	0	0	H052	0	0.			
	WR 9999	3947.67	1940.72	174	347	0	0.27E-06	0.26E 02	87	260	0	H053	58	0.11			
991	WR 3277	45.04	8.91	-41	0	0	0.19F-05	0.12F 00	-41	0	0	F105	13	0.41			
	WR 999H	1148.30	468.08	181	170	73	0.29F-06	0.20F 02	103	165	0	H053	44	0.			
	WR 337A	7277.34	6288.65	43	53	0	0.10E 01	0.46E 01	43	53	0	A007	13	0.			
	WR 400F	6089.49	1520.01	16	441	0	0.64F-06	0.24F 02	5	430	0	F005	23	0.22			



NSN	ALC	SNC	CDST	RCOST	TARGET	NUMUSREP	NUMUSPRO	SVLAST	FRUS	ITASSE	NRFP	UPROC	LAST	NRFC	SRUEBO
1005009307787	WR 999F	6089.49	1595.21	15	386	0	0	0.61E-06	0.32E 02	4	375	0	F005	26	0.50
1005009340572	WR 327Z	2639.78	576.86	19	45	0	0	0.23E-07	0.14E 01	7	33	0	F004	6	0.
1005009706111	WR 1011.	5182.37	590.92	5	10	0	0	0.11E-06	0.10E 00	0	5	0	B052	1	0.
1005009730375	WR 336A	987.52	197.55	42	65	879	0	0.27E-05	0.26E 02	41	14	0	V010	60	0.
1005009912607	WR 101Z	380.00	434.82	531	749	0	0	0.93E-08	0.12E 03	352	749	700	H052	69	0.
1005010280626	WR 329A	5787.12	1469.04	122	26	0	0	0.54E-07	0.18E 01	108	12	0	A010	11	0.
1005010418667	WR 320A	3695.69	719.32	6	3	0	0	0.10E 01	0.13E 00	6	0	0	F016	1	0.
1005010446174	WR 320A	21816.58	2340.28	15	3	0	0	0.14E-06	0.94E 00	12	0	0	F016	8	0.02
1005010663536	WR 320A	8406.50	598.68	40	54	1	0	0.33E-07	0.40E 01	28	43	0	F016	11	0.
1005010502735	WR 320A	5713.92	1143.07	45	25	12	0	0.33E-07	0.28E 01	32	24	0	F016	11	0.
1005010502736	WR 320A	4906.39	981.52	56	136	12	0	0.35E-07	0.66E 01	39	131	0	F016	20	0.
1005010522784	WR 328A	6013.90	1099.96	27	51	0	0	0.21E-07	0.15E 01	16	40	0	F015	7	0.
1005010532255	WR 329A	3617.70	1371.66	248	14	20	0	0.40E-07	0.62E 01	227	13	0	A010	21	0.
1005010539257	WR 329A	8029.73	1200.20	140	21	0	0	0.50E-07	0.18E 01	117	4	0	A010	7	0.
1005010556484	WR 320A	8124.52	960.16	13	11	0	0	0.44E-07	0.36E 00	2	0	0	F016	4	0.
1005010590502	WR 329A	6846.63	1200.20	43	136	16	0	0.31E-07	0.10E 02	19	128	0	A010	32	0.
1005010618335	WR 320A	7209.00	1442.16	24	57	0	0	0.27E-07	0.32E 01	8	41	0	F016	14	0.11
1005010626930	WR 329A	47282.06	24004.00	149	65	0	0	0.27E-07	0.61E 02	144	60	0	A010	51	1.09
1005010635629	WR 329A	74025.43	10182.50	97	10	0	0	0.29E-07	0.49E 01	95	8	0	A010	11	0.24
1010001921614	WR 400Z	1551.47	310.37	2	5	0	0	0.14E-06	0.31E 00	0	3	0	C130	4	0.
1010001921619	WR 400Z	12308.57	2160.36	5	6	0	0	0.21E-06	0.49E 00	4	5	0	C130	5	0.
1010001921621	WR 400Z	6132.69	3024.50	0	0	0	0	0.10E 01	0.11E 00	0	0	0	C130	4	0.
1010002774639	WR 400Z	8627.73	537.69	5	0	0	0	0.10E 01	0.91E-02	5	0	0	C130	1	0.
1010003103246	WR 400Z	2759.77	1257.25	8	0	0	0	0.10E 01	0.27E 00	8	0	0	C130	2	0.
1010003143247	WR 400Z	2344.60	469.04	3	6	0	0	0.63E-07	0.75E 00	0	3	0	C130	6	0.
1015006249910	WR 400Z	4206.85	1104.18	4	3	0	0	0.10E-06	0.12E 00	3	2	0	C130	2	0.
1015006249937	WR 400Z	9119.24	1542.26	5	0	0	0	0.10F 01	0.25E-01	5	0	0	C130	1	0.
1095000255657	991 WR 9999	1229.95	473.04	-142	20	0	0	0.17E-07	0.11E 02	-142	0	0	F004	21	0.02
1095000556035	991 WR 400A	953.92	155.34	17	20	0	0	0.33E-06	0.22E 00	0	3	0	H003	4	0.
1095001418328	991 WR 9999	90.20	59.90	-184	0	0	0	0.58E-07	0.91E 01	-184	0	0	C130	63	0.
1095001664286	WR 9999	3682.49	999.84	146	44	0	0	0.30E-07	0.16E 01	102	0	0	B111	15	0.
1095001789250	WR 336A	1199.90	240.04	23	43	0	0	0.36E-05	0.53E 01	10	30	0	V010	21	0.
1095004548407	WR 9999	12312.17	1158.35	36	15	0	0	0.29E-07	0.29E 01	23	2	0	F004	9	0.
1095004767947	WR 9999	3016.55	985.74	208	137	13	0	0.36E-07	0.17E 02	148	90	0	F005	24	0.
1095004767948	WR 9999	2426.20	606.50	213	0	0	0	0.10F 01	0.22E-02	213	0	0	F005	0	0.
1095004815881	WR 101Z	391.17	155.11	88	634	0	0	0.11E-07	0.16E 02	22	568	0	B052	41	0.
1095004801562	WR 101Z	391.17	155.11	105	857	0	0	0.16E-07	0.20E 02	29	781	0	B052	48	0.
109500482075	WR 101Z	299.97	110.85	234	1131	0	0	0.10E-07	0.40E 02	117	1014	0	R052	85	0.
1095007588774	991 WR 9999	712.16	431.86	-1378	187	0	0	0.11E-07	0.19E 02	-1378	0	0	H052	61	0.
1095007988026	WR 999F	2879.76	2559.98	36	187	0	0	0.92E-07	0.63E 01	9	160	0	F106	23	0.
1095008749581	WR 400Z	130.97	77.51	76	1	0	0	0.74E-07	0.84E 00	76	0	0	C130	16	2.21
1095009124092	WR 420Z	1074.03	214.86	1	1	0	0	0.36E-05	0.83E-01	0	0	0	F005	2	0.
1095009124094	WR 420Z	1480.68	296.21	4	0	1	0	0.55E-06	0.10E 00	3	0	0	F005	2	0.
1095009496099	WR 999F	11576.64	1346.74	168	227	0	0	0.21E-07	0.11E 02	110	169	0	F004	21	0.
1095010038262	WR 201W	7439.58	2522.92	26	38	0	0	0.92E-07	0.86E 01	7	19	0	F106	31	0.95
1095010617708	WR 101Z	802.33	379.35	80	187	0	0	0.97E-08	0.12E 02	14	121	0	H052	32	0.
1240002342152	WR 999F	4142.67	828.74	12	62	0	0	0.10E 01	0.73E 00	12	62	0	2NUL	12	0.
1240010804103	WR 999F	6181.48	1236.60	13	2	0	0	0.10E 01	0.82E-03	13	2	0	2NUL	4	0.
1240010809351	WR 999F	3945.79	799.36	0	14	0	0	0.10F 01	0.14E 01	0	14	0	2NUL	12	0.
1240010809356	WR 999F	629.95	126.02	13	28	0	0	0.10F 01	0.18E 00	13	28	0	2NUL	12	0.

NSN	AIC	SMC	CUST	RCUST	TARGET	NI	RUSREP	NI	RUSPRO	SVLAST	EHOS	ITASSF	NREP	NPRIC	LAST	MD	NRFC	SRIFRU
12400108449457	WR	999F	235.18	47.05	1	0	0	0	0	0.10E 01	0.17E-01	1	1	0	0	ZNUL	3	0.
12400108511344	WR	999F	237.58	47.53	1	0	0	0	0	0.10F 01	0.17E-01	1	0	0	0	ZNUL	3	0.
1240010852387	WR	999F	629.95	126.02	0	0	0	0	0	0.10F 01	0.10E 01	0	0	0	0	ZNUL	6	0.
1240010852862	WR	999F	206.98	41.41	13	15	0	0	0	0.10F 01	0.41E-01	13	15	0	0	ZNUL	13	0.
1240010856631	WR	999F	2249.84	450.08	2	0	0	0	0	0.10E 01	0.18E-01	2	0	0	0	ZNUL	2	0.
1240010865241	WR	999F	500.33	100.08	1	0	0	0	0	0.10E 01	0.23E-01	1	0	0	0	ZNUL	3	0.
1270000015600	WR	4002	21838.18	4800.80	12	87	0	0	0	0.11F-06	0.35E 01	7	82	0	0	C130	12	0.16
1270000017005	WR	4002	4439.63	1164.19	7	1	0	0	0	0.55F-07	0.48E-01	6	0	0	0	C130	1	0.
1270000017007	WR	4002	12418.96	2904.48	8	0	0	0	0	0.10F 01	0.21E-02	8	0	0	0	C130	0	0.
1270000017008	WR	4002	10679.11	2400.40	6	20	0	0	0	0.62F-07	0.38E 00	4	18	0	0	C130	4	0.
1270000017016	WR	4002	2272.61	1476.25	13	37	0	0	0	0.10F-06	0.34E 01	6	30	0	0	C130	10	0.
1270000017017	WR	4002	1066.59	1224.20	11	30	0	0	0	0.13F-06	0.27E 01	5	24	0	0	C130	9	0.
1270000017018	WR	4002	943.00	1164.19	13	52	0	0	0	0.97E-07	0.31E 01	6	45	0	0	C130	9	0.
1270000041879	WR	3272	6659.45	468.37	20	12	0	0	0	0.15E-07	0.22E 01	8	0	0	0	F004	10	0.32
1270000194753	WR	201W	34257.15	4464.12	83	534	0	0	0	0.10E-06	0.46E 02	44	495	0	0	F106	57	2.43
1270000215688	WR	3272	20398.30	484.84	0	41	0	0	0	0.10E 01	0.11E 01	0	41	0	0	ZNUL	12	2.43
1270000231042	WR	3272	4049.66	481.51	104	444	0	0	0	0.16F-07	0.80E 01	57	397	0	0	F004	26	0.
1270000238954	WR	3272	2768.17	420.81	101	388	0	0	0	0.22F-07	0.76E 01	55	342	0	0	F004	22	0.
1270000238962	WR	3272	6424.26	2107.58	125	547	0	0	0	0.17E-07	0.12E 02	80	502	0	0	F004	31	0.
1270000238963	WR	3272	19237.90	1999.98	107	161	0	0	0	0.17E-07	0.25E 02	66	120	0	0	F004	23	0.13
1270000238967	WR	3272	443.96	177.07	22	26	0	0	0	0.27E-07	0.59E 00	0	4	0	0	F004	4	0.
1270000240468	WR	1017	324.80	137.41	-35	0	0	0	0	0.25E-07	0.59E 00	-35	0	0	0	B052	8	0.01
1270000474674	WR	1012	1669.06	909.50	51	98	0	0	0	0.20E-07	0.29E 01	27	74	0	0	B052	12	0.
1270000508785	WR	101W	2161.02	931.69	46	0	0	0	0	0.93F-08	0.10E 02	15	0	86	0	B052	32	0.
1270000535208	WR	201W	1742.25	182.69	23	91	0	0	0	0.11E-06	0.10E 01	3	71	0	0	F106	8	0.
1270000540711	WR	2012	856.73	229.53	12	3	0	0	0	0.53F-06	0.68E-01	9	0	0	0	F106	3	0.
1270000546488	WR	201W	1475.88	131.05	19	24	0	0	0	0.18E-06	0.11E 00	1	6	0	0	F106	3	0.
1270000546491	WR	201W	1007.92	112.27	2	4	0	0	0	0.72E-06	0.37E-01	1	3	0	0	F106	2	0.
1270000546494	WR	201W	1259.90	116.83	19	17	0	0	0	0.14E-06	0.10E 00	2	0	0	0	F106	2	0.
1270000546499	WR	201W	1415.88	115.16	19	22	0	0	0	0.18F-06	0.14E 00	1	4	0	0	F106	3	0.
1270000546500	WR	201W	2570.19	109.17	19	15	0	0	0	0.21E-06	0.10E 00	4	0	0	0	F106	2	0.
1270000546501	WR	201W	683.94	125.54	18	0	0	0	0	0.10E 01	0.47E-03	18	0	0	0	F106	0	0.
1270000546503	WR	201W	635.95	111.22	13	0	0	0	0	0.10E 01	0.21E-02	13	0	0	0	F106	1	0.
1270000546510	WR	201W	755.94	108.94	18	8	0	0	0	0.12E-06	0.19E-01	10	0	0	0	F106	2	0.
1270000546511	WR	201W	635.95	127.22	19	10	0	0	0	0.14E-06	0.46E-01	9	0	0	0	F106	2	0.
1270000546514	WR	201W	443.96	415.56	3	0	0	0	0	0.10F 01	0.28E-01	3	0	0	0	F106	1	0.
1270000546522	WR	201W	347.97	108.44	15	15	0	0	0	0.19E-06	0.21E 00	2	0	0	0	F106	2	0.
1270000546529	WR	201W	651.55	216.24	22	55	0	0	0	0.12E-06	0.43F 00	5	38	0	0	F106	7	0.
1270000546534	WR	201W	635.95	153.00	24	119	0	0	0	0.16F-06	0.15E 01	3	98	0	0	F106	10	0.
1270000546536	WR	201W	635.95	111.52	21	44	0	0	0	0.15E-06	0.34F 00	3	30	0	0	F106	7	0.
1270000546539	WR	201W	623.95	111.67	19	16	0	0	0	0.25F-06	0.40E-01	3	0	0	0	F106	1	0.
1270000546541	WR	201W	647.95	121.09	19	19	0	0	0	0.27E-06	0.44E 00	0	0	0	0	F106	5	0.
1270000546550	WR	201W	695.94	111.56	20	49	0	0	0	0.25E-06	0.29E 00	5	34	0	0	F106	4	0.
1270000546555	WR	201W	611.95	113.55	17	20	0	0	0	0.26F-06	0.29E 00	4	3	0	0	F106	5	0.
1270000546558	WR	201W	595.97	109.06	18	14	0	0	0	0.94F-07	0.26E-01	4	0	0	0	F106	1	0.
1270000546574	WR	201W	503.96	108.26	18	16	0	0	0	0.23E-06	0.72E-01	2	0	0	0	F106	2	0.
1270000546576	WR	201W	559.97	143.40	20	43	0	0	0	0.12E-06	0.24E 00	5	29	0	0	F106	5	0.
1270000546576	WR	201W	959.92	111.64	20	30	0	0	0	0.22E-06	0.46E 00	1	11	0	0	F106	7	0.

NSN	ALC	SMC	CUST	RCNST	TARGET	ILRUSREP	ILRUSPRO	SVLAST	ERDS	ITASSE	NRFP	NPROC	LAST MD	NRFC	SRIERD
1270000546577	WR	201W	359.97	72.01	18	5	0	0.19E-06	0.13E-01	13	0	0	F106	1	0.
1270000546578	WR	201W	1475.88	128.70	19	25	0	0.30E-06	0.11E-00	3	9	0	F106	2	0.
1270000546579	WR	201W	1271.89	129.30	19	22	0	0.18E-06	0.36E-00	0	3	0	F106	3	0.
1270000546580	WR	201W	683.94	109.77	18	2	0	0.11E-06	0.49E-02	16	0	0	F106	1	0.
1270000546581	WR	201W	947.92	109.05	19	18	0	0.11E-06	0.91E-01	1	0	0	F106	3	0.
1270000546582	WR	201W	635.95	112.27	18	27	0	0.16E-06	0.73E-01	1	10	0	F106	3	0.
1270000546583	WR	201W	1211.90	114.32	20	38	0	0.18E-06	0.25E-00	2	20	0	F106	6	0.
1270000546584	WR	201W	791.93	109.79	18	15	0	0.15E-06	0.45E-01	3	0	0	F106	1	0.
1270000546585	WR	9999	6959.42	1644.13	8	5	0	0.61E-05	0.31E-00	7	4	0	T039	3	0.
1270000546586	SM	303Z	20571.09	1104.18	12	9	3	0.10E-01	0.	12	9	3	2NUL	0	0.
1270000546587	WR	201W	5790.72	141.08	12	13	0	0.31E-06	0.98E-00	1	2	0	F106	8	0.
1270000546588	WR	201W	395.97	79.21	19	14	0	0.39E-06	0.89E-01	5	0	0	F106	2	0.
1270000546589	WR	201W	539.96	108.02	18	4	0	0.13E-06	0.11E-01	14	0	0	F106	1	0.
1270000546590	WR	201W	539.96	123.38	21	53	0	0.20E-06	0.41E-00	4	36	0	F106	5	0.
1270000546591	WR	201W	1319.89	115.84	20	30	0	0.97E-07	0.34E-00	1	11	0	F106	7	0.
1270000613052	WR	201W	1475.88	141.73	21	117	5	0.13E-06	0.93E-00	3	104	0	F106	11	0.
1270000613053	WR	327Z	37310.89	1450.73	78	743	0	0.16E-07	0.20E-02	41	706	0	F004	42	0.65
1270000642033	WR	201W	4199.65	490.87	64	5	0	0.16E-06	0.72E-01	59	0	0	F106	4	0.
1270000645604	WR	201W	1911.44	804.19	40	14	0	0.17E-06	0.10E-01	30	4	0	F106	4	0.
1270000645605	WR	999F	1949.84	47.49	0	0	7	0.10E-01	0.	0	0	7	2NUL	0	0.
1270000645606	WR	9999	1663.06	963.95	5	30	0	0.70E-05	0.39E-00	3	28	0	T039	5	0.
1270000645607	WR	306Z	1393.08	1940.75	13	18	0	0.10E-01	0.	13	18	0	F105	0	0.
1270000645608	SM	303Z	1594.67	1195.40	5	1	3	0.10E-01	0.	5	1	3	2NUL	0	0.
1270000645609	WR	201W	245.98	84.93	24	2	0	0.18E-06	0.67E-02	22	0	0	F106	2	0.
1270000645610	WR	327Z	46517.72	1456.43	143	1034	0	0.16E-07	0.20E-02	94	985	0	F004	39	0.46
1270000645611	WR	400Z	29997.50	14402.40	2	4	0	0.19E-06	0.14E-01	2	4	0	C130	2	0.03
1270000645612	WR	400Z	7676.36	3960.66	15	16	0	0.87E-07	0.21E-01	12	13	0	C130	4	0.58
1270000645613	WR	400Z	31197.40	14402.40	2	5	0	0.19E-06	0.21E-01	2	5	0	C130	8	0.03
1270000645614	WR	201W	5998.30	1040.99	32	0	0	0.10E-01	0.29E-01	32	0	0	F106	1	0.03
1270000645615	WR	101Z	277.15	85.04	-27	0	0	0.48E-07	0.53E-00	-27	0	0	B052	6	0.00
1270000645616	WR	201W	13594.87	1001.77	58	306	0	0.92E-12	0.000546500	-27	MR 201W	0	683.94	125.54	18
1270000645617	WR	201W	635.95	111.22	13	0	0	0.10E-01	0.21E-02	13	0	0	F106	1	0.
1270000645618	WR	201W	1079.91	108.94	18	8	0	0.12E-06	0.19E-01	10	0	0	F106	1	0.
1270000645619	WR	201W	755.94	110.68	19	17	0	0.27E-06	0.11E-00	2	0	0	F106	2	0.
1270000645620	WR	201W	635.95	127.22	19	10	0	0.14E-06	0.46E-01	9	0	0	F106	2	0.
1270000645621	WR	201W	443.96	415.56	3	0	0	0.10E-01	0.24E-01	3	0	0	F106	1	0.
1270000645622	WR	201W	443.96	110.20	19	17	0	0.94E-07	0.64E-01	2	0	0	F106	2	0.
1270000645623	WR	201W	347.97	108.44	15	15	0	0.19E-06	0.21E-00	2	0	0	F106	5	0.
1270000645624	WR	201W	651.55	216.24	22	55	0	0.13E-06	0.43E-00	5	38	0	F106	7	0.
1270000645625	WR	201W	635.95	153.00	24	119	0	0.16E-06	0.15E-01	3	30	0	F106	10	0.
1270000645626	WR	201W	635.95	111.52	21	44	0	0.15E-06	0.34E-00	3	30	0	F106	7	0.
1270000645627	WR	201W	623.95	111.67	19	16	0	0.25E-06	0.80E-01	3	0	0	F106	1	0.
1270000645628	WR	201W	647.95	121.09	19	19	0	0.27E-06	0.44E-00	0	0	0	F106	5	0.
1270000645629	WR	201W	695.94	111.56	20	49	0	0.25E-06	0.29E-00	5	34	0	F106	4	0.
1270000645630	WR	201W	611.95	113.55	17	20	0	0.26E-06	0.29E-00	0	3	0	F106	5	0.
1270000645631	WR	201W	395.97	109.06	18	14	0	0.94E-07	0.26E-01	4	0	0	F106	1	0.
1270000645632	WR	201W	503.96	108.26	18	16	0	0.25E-06	0.72E-01	2	0	0	F106	2	0.
1270000645633	WR	201W	359.97	143.40	20	43	1	0.15E-06	0.24E-00	5	29	0	F106	5	0.
1270000645634	WR	201W	959.92	111.69	20	30	0	0.23E-06	0.46E-00	1	11	0	F106	7	0.

NSN	ALC	SAC	COST	RCOST	TARGET	NLRUSREP	NIUSPRO	SVLAST	FHDS	ITASSE	NREP	NPRVIC	LAST MD	NREC	SHUERO
1270000506577	MR 201W		359.97	72.01	18	5	0	0.19E-06	0.13E-01	13	0	0	F106	1	0.
1270000506578	MR 201W		1475.88	128.70	19	25	0	0.30E-06	0.11E-00	3	9	0	F106	2	0.
1270000506579	MR 201W		1271.89	129.30	19	22	0	0.14E-06	0.36E-00	0	3	0	F106	3	0.
1270000506580	MR 201W		683.94	109.77	18	2	0	0.11E-06	0.49E-02	16	0	0	F106	1	0.
1270000506586	MR 201W		947.92	109.05	19	1A	0	0.11E-06	0.91E-01	1	0	0	F106	3	0.
1270000506588	MR 201W		635.95	112.27	1A	27	0	0.16E-06	0.73E-01	1	10	0	F106	3	0.
1270000506589	MR 201W		1211.90	114.32	20	38	0	0.18E-06	0.25E-00	2	20	0	F106	6	0.
1270000506590	MR 201W		791.93	109.79	1A	15	0	0.15E-06	0.45E-01	3	0	0	F106	1	0.
12700005065895	MR 9999		6959.42	1644.13	8	5	0	0.61E-05	0.31E-00	7	4	0	1039	3	0.
12700005061428CH	SM 3037		20571.09	1104.1A	12	9	3	0.10E-01	0.	12	9	3	2NUL	0	0.
1270000506553	MR 201W		5790.72	141.0A	12	13	0	0.31E-06	0.98E-00	1	2	0	F106	8	0.
12700005075132	MR 201W		395.97	79.21	19	14	0	0.39E-06	0.89E-01	5	0	0	F106	2	0.
12700005075133	MR 201W		539.96	108.02	1A	4	0	0.13E-06	0.11E-01	14	0	0	F106	1	0.
12700005078775	MR 201W		539.96	123.38	21	53	0	0.20E-06	0.41E-00	4	36	0	F106	5	0.
12700005078787A	MR 201W		1319.84	115.84	20	30	0	0.97E-07	0.34E-00	0	1	0	F106	7	0.
1270000613052	MR 201W		1475.88	141.73	21	117	5	0.13E-06	0.93E-00	3	104	0	F106	11	0.
1270000641997	MR 3272		37310.89	1450.73	78	743	0	0.16E-07	0.20E-02	41	706	0	F004	42	0.65
1270000642033	MR 201W		4199.65	490.87	64	5	0	0.14E-06	0.72E-01	30	59	0	F106	4	0.
12700006485604	MR 201W		1911.44	808.19	40	14	0	0.17E-06	0.10E-01	0	4	0	F106	9	0.
12700006495832	MR 999F		1949.84	47.49	0	0	7	0.10E-01	0.	0	0	7	2NUL	0	0.
1270000784974	MR 9999		1663.06	963.95	5	30	0	0.70E-05	0.39E-00	3	28	0	1039	5	0.
1270000803313	MR 3062		1393.08	1940.75	13	1A	0	0.10E-01	0.	13	18	0	F105	0	0.
1270000812578CH	SM 3037		1594.67	1195.40	5	1	3	0.10E-01	0.	5	1	3	2NUL	0	0.
1270000847329	MR 201W		245.98	84.93	24	2	0	0.18E-06	0.67E-02	22	0	0	F106	2	0.
12700008494117	MR 3272		46517.72	1456.83	143	1034	0	0.16E-07	0.20E-02	94	985	0	F004	39	0.86
12700008496778	MR 4002		29997.50	14402.40	2	4	0	0.14E-06	0.14E-01	2	4	0	C130	2	0.03
12700008496779	MR 4002		7679.36	3960.66	15	16	0	0.87E-07	0.21E-01	12	13	0	C130	8	0.58
12700008496790	MR 4002		31197.40	14402.40	2	5	0	0.19E-06	0.21E-01	2	5	0	C130	4	0.03
1270000918627	MR 201W		5998.30	1040.99	32	0	0	0.10E-01	0.29E-01	32	0	0	F106	1	0.03
1270000918683	MR 1012		277.15	85.04	-27	0	0	0.44E-07	0.53E-00	-27	0	0	B052	6	0.00
1270000927100	MR 201W		13594.87	1001.77	58	306	0	0.92E-07	0.13E-02	20	268	0	F106	42	1.50
1270000929566A	MR 1012		1112.75	108.54	-35	0	0	0.20E-07	0.20E-01	-35	0	0	B052	12	0.00
12700009295669	MR 1012		726.29	93.84	-30	0	0	0.39E-07	0.21E-01	-50	0	0	B052	13	0.00
12700009295670	MR 1012		690.03	157.68	-95	0	0	0.25E-07	0.99E-00	-95	0	0	B052	10	0.01
12700010306A2	MR 201W		1160.30	706.13	68	1	0	0.11E-06	0.29E-01	67	0	0	F106	3	0.
12700010306A3	MR 1012		277.15	85.04	-27	0	0	0.44E-07	0.53E-00	-27	0	0	B052	6	0.00
1270001095737	MR 3272		4306.44	1227.17	40	16	0	0.20E-07	0.52E-00	27	3	0	F004	4	0.
1270001095737	MR 3272		1588.67	685.94	26	20	0	0.10E-01	0.	26	20	0	F004	0	0.
1270001104499	MR 3272		9211.63	1941.68	17	0	0	0.10E-01	0.17E-02	17	0	0	F111	0	0.
1270001104501	MR 3272		3581.70	1467.00	20	20	0	0.29E-07	0.15E-01	9	9	0	F004	6	0.
1270001244733	MR 3272		12358.97	484.11	1	0	0	0.10E-01	0.15E-01	1	0	0	2NUL	6	0.
1270001244734	MR 3272		12358.97	394.27	0	7	0	0.10E-01	0.37E-00	0	7	0	2NUL	9	0.
1270001301259	MR 4242		650.45	93.96	3	5	0	0.82E-06	0.53E-00	0	2	0	F111	3	0.
1270001301259	MR 1017		2417.80	1909.22	46	53	0	0.12E-07	0.17E-01	32	39	0	B052	9	0.
1270001316015	MR 201W		787.13	214.04	30	0	0	0.10E-01	0.13E-01	30	0	0	F106	1	0.
1270001351835	MR 201W		1138.71	340.56	40	0	0	0.10E-01	0.68E-01	40	0	0	F106	3	0.
1270001351841	MR 201W		2031.43	765.54	70	20	0	0.97E-07	0.72E-00	50	0	0	F106	11	0.
1270001358303	MR 3247		77478.78	1559.41	43	604	0	0.28E-07	0.11E-02	21	582	0	F111	23	0.02
1270001366850	MR 201W		3656.10	1349.86	50	0	0	0.10E-01	0.11E-00	50	0	0	F106	8	0.02
1270001383069	MR 4002		92872.26	10201.70	3	17	0	0.77E-07	0.97E-00	2	16	0	C130	4	0.
1270001383073	MR 4002		27237.73	6301.05	3	13	0	0.65E-07	0.40E-00	2	12	0	C130	3	0.

NSN	ALC	SMC	CUST	RCOST	TARGET	NLRUSREP	HLRUSPRD	SVLAST	EROS	TTASSE	NREP	NPROC	LAST MD	MPFC	SHURED
1270001341077	MR 4002	MR 4002	A279.31	1200.20	3	5	0	0.10E 01	0.23E-01	3	5	0	C130	1	0.
1270001341500	MR 4002	MR 4002	5099.58	2160.36	1	5	4	0.10E 01	0.41E-02	1	0	4	C130	0	0.
1270001341505	MR 999F	MR 999F	2508.98	2508.97	7	75	0	0.75E-06	0.21E 01	2	70	0	F005	13	0.
1270001341506	MR 999F	MR 999F	3947.67	405.90	9	0	0	0.10F 01	0.32E-04	9	0	0	F005	0	0.
1270001341507	MR 999F	MR 999F	20379.10	4149.46	20	35	0	0.50E-06	0.76E 01	8	23	0	F005	26	12.26
1270001345200	MR 201W	MR 201W	11175.87	2416.43	85	3	0	0.94E-07	0.39E 01	82	0	0	F106	22	1.23
1270001346373	MR 3272	MR 3272	1249.10	249.88	4	0	2	0.10F 01	0.	4	0	2	2NUL	0	1.23
1270001346378	MR 999F	MR 999F	45261.43	4086.62	14	43	0	0.46E-06	0.16E 02	7	76	0	F005	24	1.73
12700013468032	MR 4002	MR 4002	33863.58	2160.36	6	3	0	0.10E 01	0.94E-01	6	3	0	C130	2	1.73
1270001347615	MR 3272	MR 3272	46950.09	1918.40	30	43	0	0.24E-07	0.11E 02	10	63	0	F004	26	2.68
12700013477399	MR 201W	MR 201W	423.13	297.33	40	0	0	0.10E 01	0.13E-01	40	0	0	F106	1	2.68
12700013482299	MR 201W	MR 201W	2399.80	612.21	60	65	0	0.12E-06	0.31E 01	25	30	0	F106	11	0.
12700013484300	MR 201W	MR 201W	27597.70	5733.13	35	73	0	0.93E-07	0.24E 02	18	56	0	F106	35	0.93
12700013484327	MR 4002	MR 4002	25293.89	3600.60	4	11	0	0.10E 01	0.15E 00	4	11	0	C130	3	0.93
12700013483247	MR 4002	MR 4002	22030.16	2185.56	6	14	0	0.60E-07	0.86E 00	3	11	0	C130	5	0.01
12700013483311	MR 4002	MR 4002	5159.57	1200.20	3	12	0	0.16E-06	0.53E 00	1	10	0	C130	4	0.
12700013483311	MR 4002	MR 4002	33453.21	4079.48	8	22	0	0.10E-06	0.10E 01	6	20	0	C130	6	0.01
12700013484300	MR 330A	MR 330A	778.62	155.76	13	0	4	0.10E 01	0.	13	0	4	2NUL	0	0.01
12700013484302	MR 999F	MR 999F	1116.03	223.26	10	1	2	0.10E 01	0.	10	1	2	2NUL	0	0.01
12700013484302	MR 4002	MR 4002	27410.52	5400.90	5	19	0	0.10E 01	0.23E 00	5	19	0	C130	3	0.01
12700013484302	MR 4002	MR 4002	48751.94	3450.58	9	33	0	0.66E-07	0.18E 01	5	29	0	C130	7	0.
12700013484302	MR 4002	MR 4002	1509.47	524.61	6	56	3	0.11E-06	0.10E 01	3	56	0	C130	5	0.
12700013484302	MR 999F	MR 999F	2507.79	307.12	20	61	0	0.32E-06	0.28E 00	6	47	0	F106	6	0.
12700013484302	MR 201W	MR 201W	839.93	154.59	10	13	0	0.12E-06	0.60E-01	2	5	0	F106	3	0.
12700013484302	MR 201W	MR 201W	1845.45	561.77	39	7	0	0.27E-06	0.68E 00	32	0	0	F106	7	0.
12700013484302	MR 201W	MR 201W	27111.74	3494.75	29	82	0	0.14E-06	0.33E 02	14	67	0	F106	29	0.34
12700013484302	MR 201W	MR 201W	3549.30	905.99	56	0	0	0.10E 01	0.13E-01	56	0	0	F106	3	0.34
12700013484302	MR 201W	MR 201W	2060.23	1462.53	64	18	0	0.24E-06	0.51E 01	50	4	0	F106	14	0.05
12700013484302	MR 1012	MR 1012	6841.83	3182.10	64	628	0	0.11E-07	0.12E 02	23	587	0	H052	33	0.
12700013484302	MR 201W	MR 201W	6847.43	1864.44	86	35	0	0.12E-06	0.12E 02	51	0	0	F106	50	9.07
12700013484302	MR 201W	MR 201W	719.94	102.38	5	5	0	0.10E 01	0.	5	0	0	F106	0	9.07
12700013484302	MR 201W	MR 201W	4851.20	112.19	7	4	0	0.10E 01	0.	7	4	0	F106	0	9.07
12700013484302	MR 201W	MR 201W	599.95	95.19	5	17	0	0.31E-06	0.92E-01	3	15	0	F106	2	0.
12700013484302	MR 201W	MR 201W	2939.76	529.37	41	0	0	0.10E 01	0.11E 00	41	0	0	F106	5	0.
12700013484302	MR 4002	MR 4002	1496.28	849.02	3	16	0	0.12E-06	0.34E 00	1	14	0	C130	3	0.
12700013484302	MR 201W	MR 201W	811.13	281.52	52	2	0	0.13E-06	0.21E-01	50	0	0	F106	3	0.23
12700013484302	MR 4002	MR 4002	2799.10	7201.20	7	14	0	0.69E-07	0.10E 01	5	12	0	C130	6	0.
12700013484302	MR 4002	MR 4002	1199.90	1056.18	6	23	0	0.91E-07	0.16E 01	1	18	0	C130	7	0.
12700013484302	MR 4002	MR 4002	6181.07	442.17	5	0	0	0.10E 01	0.84E-02	5	0	0	C130	1	0.
12700013484302	MR 201W	MR 201W	12278.58	2048.34	32	39	0	0.94E-07	0.67E 01	20	27	0	F106	16	1.38
12700013484302	MR 4002	MR 4002	16739.80	4686.78	8	27	0	0.11E-06	0.11E 01	6	25	0	C130	6	0.
12700013484302	MR 201W	MR 201W	5443.95	1049.06	33	48	0	0.13E-06	0.74E 00	25	40	0	F106	9	0.
12700013484302	MR 201W	MR 201W	6264.64	1253.25	20	27	0	0.20E-06	0.44E 00	11	18	0	F106	5	0.
12700013484302	MR 201W	MR 201W	69077.04	5032.75	55	164	0	0.94E-07	0.32E 02	21	130	0	F106	62	8.09
12700013484302	MR 1012	MR 1012	934.96	109.37	-13	0	0	0.17E-07	0.84E 00	-13	0	0	H052	7	0.24
12700013484302	MR 1012	MR 1012	7721.36	2658.94	63	249	0	0.10E-07	0.52E 01	36	222	0	H052	18	0.
12700013484302	MR 3062	MR 3062	748.98	163.09	1	0	0	0.10E 01	0.61E-03	1	0	0	F105	1	0.
12700013484302	MR 3062	MR 3062	627.55	262.09	1	0	0	0.10E 01	0.99E-02	1	0	0	F105	2	0.
12700013484302	MR 3272	MR 3272	589.15	404.18	21	18	0	0.24E-07	0.15E 00	13	10	0	F004	2	0.
12700013484302	MR 3272	MR 3272	476.36	448.53	21	15	0	0.18E-07	0.94E-01	13	7	0	F004	1	0.

NSN	ALC	SMC	CUST	RCOST	TARGET	NIUSREF	NLRUSPRO	SVLAST	FRNS	ITASSE	MRFP	MPROC	LAST MD	NRFC	SHUERU
1270003401996	WR	3272	11065.44	1370.5A	21	33	2	0.10E 01 0.17E 00	0.17E 00	21	33	2	F004	2	0.
1270003401999	WR	3272	716.10	435.14	13	17	0	0.10E 01 0.	0.	13	17	0	F004	0	0.
1270003402030	WR	3272	1103.91	425.18	21	0	0	0.10E 01 0.55E-03	0.55E-03	21	0	0	F004	0	0.
1270003402070	WR	3272	1366.69	770.58	21	26	0	0.26E-07 0.26E 00	0.26E 00	13	18	0	F004	2	0.
1270003402086	WR	3272	3136.50	1148.69	22	52	0	0.27E-07 0.65E 00	0.65E 00	9	39	0	F004	7	0.
1270003402091	WR	3272	16460.23	2001.96	23	101	0	0.15E-07 0.44E 01	0.44E 01	14	92	0	F004	17	0.
1270003402121	WR	3272	1465.08	444.07	14	18	0	0.10E 01 0.	0.	13	18	0	F004	0	0.
1270003402145	WR	3272	1033.23	432.07	27	0	0	0.10E 01 0.18E-02	0.18E-02	27	0	0	F004	0	0.
1270003402153	WR	3272	998.08	715.03	21	0	0	0.10E 01 0.26E-02	0.26E-02	21	0	0	F004	0	0.
1270003402199	WR	3272	829.13	399.98	17	0	0	0.10E 01 0.15E-01	0.15E-01	17	0	0	F004	1	0.
1270003402216	WR	3272	414.09	420.07	23	0	0	0.10E 01 0.17E-02	0.17E-02	23	0	0	F004	0	0.
1270003402217	WR	3272	499.28	444.07	22	25	0	0.22E-07 0.16E 01	0.16E 01	0	3	0	F004	6	0.
1270003402222	WR	3272	764.34	433.90	22	43	0	0.34E-07 0.12E 01	0.12E 01	1	22	0	F004	6	0.
1270003402226	WR	3272	479.48	408.07	21	9	0	0.21E-07 0.14E 00	0.14E 00	13	1	0	F004	2	0.
1270003402231	WR	3272	426.44	516.09	21	0	0	0.10E 01 0.12E-02	0.12E-02	21	0	0	F004	0	0.
1270003402233	WR	3272	3663.29	626.60	10	9	0	0.10E 01 0.72E-01	0.72E-01	10	9	0	F004	1	0.
1270003402270	WR	3272	2282.21	408.07	18	0	0	0.10E 01 0.27E-01	0.27E-01	18	0	0	F004	1	0.
1270003402274	WR	3272	4662.81	936.16	30	16	0	0.19E-07 0.71E 01	0.71E 01	15	1	0	F004	26	0.
1270003402292	WR	3272	827.93	429.67	2	1	0	0.75E-07 0.18E 00	0.18E 00	1	0	0	F004	3	0.
1270003402334	WR	3272	742.74	436.52	21	14	0	0.18E-07 0.17E 00	0.17E 00	7	0	0	F004	1	0.
1270003402376	WR	3272	562.75	400.87	4	10	0	0.27E-07 0.11E 01	0.11E 01	0	6	0	F004	5	0.
1270003405173	WR	3272	890.33	420.07	22	44	1	0.17E-07 0.12E 01	0.12E 01	1	24	0	F004	7	0.
1270003405179	WR	3272	739.14	425.78	7	0	0	0.10E 01 0.94E-01	0.94E-01	7	0	0	F004	1	0.
1270003405180	WR	3272	791.93	408.07	25	41	0	0.10E 01 0.21E-02	0.21E-02	25	0	0	F004	0	0.
1270003405185	WR	3272	641.95	433.90	22	41	0	0.23E-07 0.94E 00	0.94E 00	1	20	0	F004	5	0.
1270003405186	WR	3272	668.34	528.09	8	0	0	0.10E 01 0.13E 00	0.13E 00	8	0	0	F004	1	0.
1270003405200	WR	3272	537.92	537.87	20	11	0	0.16E-07 0.15E 00	0.15E 00	9	0	0	F004	2	0.
1270003405215	WR	3272	5247.16	998.79	12	28	0	0.10E 01 0.	0.	12	28	0	F004	0	0.
1270003405219	WR	3272	23288.86	2978.70	27	178	0	0.17E-07 0.73E 01	0.73E 01	5	156	0	F004	21	0.56
1270003405225	WR	3272	983.92	462.99	12	0	0	0.10E 01 0.44E-01	0.44E-01	12	0	0	F004	1	0.56
1270003405232	WR	3272	3221.73	870.22	13	31	0	0.10E 01 0.	0.	13	31	0	F004	0	0.56
1270003405237	WR	3272	4682.01	1736.35	4	14	0	0.50E-07 0.81E 00	0.81E 00	0	11	0	F004	5	0.
1270003405238	WR	3272	396.93	433.90	3	5	0	0.1AF-07 0.10E 00	0.10E 00	0	2	0	F004	4	0.
1270003405241	WR	3272	292.90	426.98	21	20	0	0.1AF-07 0.10E 00	0.10E 00	13	12	0	F004	1	0.
1270003405242	WR	3272	1059.15	669.88	21	10	0	0.21E-07 0.18E 00	0.18E 00	13	2	0	F004	2	0.
1270003405266	WR	3272	844.85	420.98	18	0	0	0.10E 01 0.42E-02	0.42E-02	18	0	0	F004	0	0.
1270003405263	WR	3272	483.20	420.98	14	1	0	0.10E 01 0.70E-01	0.70E-01	13	1	0	F004	1	0.
1270003405639	WR	3272	972.28	408.07	22	0	0	0.10E 01 0.91E-03	0.91E-03	22	0	0	F004	0	0.
1270003405697	WR	3272	1361.89	408.07	20	9	0	0.24E-07 0.14E 00	0.14E 00	13	2	0	F004	1	0.
1270003405724	WR	3272	1293.49	472.17	16	0	0	0.10E 01 0.24E-01	0.24E-01	16	0	0	F004	1	0.
1270003405758	WR	3272	691.14	472.17	17	0	0	0.10E 01 0.16E-01	0.16E-01	17	0	0	F004	1	0.
1270003405761	WR	3272	595.15	420.98	21	22	0	0.17E-07 0.88E 00	0.88E 00	0	1	0	F004	4	0.
1270003405767	WR	3272	741.54	414.98	27	0	0	0.10E 01 0.29E-04	0.29E-04	27	0	0	F004	0	0.
1270003405792	WR	3272	542.59	1212.20	24	0	2	0.16E-07 0.45E-01	0.45E-01	22	0	0	F004	2	0.
1270003405814	WR	3272	484.33	468.99	12	0	0	0.10E 01 0.44E-01	0.44E-01	12	0	0	F004	1	0.
1270003405864	WR	3272	351.57	440.13	14	0	0	0.10E 01 0.1AE-01	0.1AE-01	14	0	0	F004	1	0.
1270003405865	WR	3272	512.36	396.07	19	0	0	0.10E 01 0.47E-02	0.47E-02	19	0	0	F004	0	0.
1270003405866	WR	3272	600.67	456.08	20	2	0	0.14E-07 0.37E-01	0.37E-01	18	0	0	F004	1	0.
1270003405868	WR	3272	1020.15	426.98	2	2	0	0.10E 01 0.56E-01	0.56E-01	13	2	0	F004	1	0.
1270003405870	WR	3272	24967.52	2952.06	65	65	0	0.10E 01 0.10E 01	0.10E 01	24	65	0	F004	4	0.

ALC	SMC	COST	MCOST	TARGET	RLRUSREP	RLRUSPHI	SVLAST	FHDS	ITASSF	NRPE	NRPHD	LAST	MD	NREL	SHUERU
WR 3272	3507.31	1042.1A	21	36	0	0.22E-07	0.31E 00	13	2A	0	F004	3	0.	0.	
WR 3272	29647.53	6051.32	29	185	0	0.15E-07	0.11E 02	8	164	0	F004	22	0.00	0.00	
WR 3272	1069.11	894.10	22	43	0	0.21E-07	0.59E 00	8	29	0	F004	5	0.	0.	
WR 3272	265.7A	140.06	40	0	0	0.10E 01	0.16E-02	40	0	0	F004	0	0.	0.	
WR 3272	649.94	414.98	19	0	0	0.10E 01	0.45E-02	19	0	0	F004	0	0.	0.	
WR 3272	8083.73	292A.49	16	37	6	0.10E 01	0.20E 00	16	37	6	F004	2	0.	0.	
WR 3272	1307.89	456.0A	16	29	0	0.10E 01	0.	16	29	0	F004	0	0.	0.	
WR 3272	791.93	426.9A	21	1A	0	0.16E-07	0.19E 00	3	0	0	F004	1	0.	0.	
WR 3272	2939.76	900.15	13	0	0	0.10E 01	0.89E-01	13	0	0	F004	1	0.	0.	
WR 3272	1451.88	516.09	13	13	0	0.10E 01	0.58E-01	13	13	0	F004	1	0.	0.	
WR 3272	12254.5A	1581.40	2A	17A	0	0.22E-07	0.39E 01	6	156	0	F004	12	0.	0.	
WR 3272	5668.33	1242.21	30	65	0	0.26E-07	0.67E 00	17	52	0	F004	6	0.	0.	
WR 3272	1253.90	444.07	21	15	0	0.26E-07	0.31E 00	6	0	0	F004	2	0.	0.	
WR 3272	6237.0A	1077.43	A	0	0	0.10E 01	0.11E 00	0	0	0	F004	1	0.	0.	
WR 3272	2884.56	46A.0A	1A	0	0	0.10E 01	0.66E-03	1A	0	0	F004	0	0.	0.	
WR 3272	6039.10	1344.22	20	14	0	0.10E 01	0.	20	14	0	F004	0	0.	0.	
WR 3272	722.34	408.07	21	11	0	0.21E-07	0.10E 00	13	3	0	F004	1	0.	0.	
WR 3272	416.25	472.17	21	7	0	0.18E-07	0.52E-01	14	0	0	F004	1	0.	0.	
WR 3272	425.72	420.9A	22	3A	0	0.30E-07	0.33E 00	12	28	0	F004	3	0.	0.	
WR 3272	605.59	432.98	22	26	0	0.33E-07	0.29E 00	13	17	0	F004	3	0.	0.	
WR 3272	271.90	432.07	20	1	0	0.16E-07	0.18E-01	19	0	0	F004	1	0.	0.	
WR 3272	463.52	432.07	22	9	0	0.21E-07	0.25E 00	13	0	0	F004	2	0.	0.	
WR 3272	869.93	444.99	21	35	4	0.23E-07	0.98E 00	1	19	0	F004	6	0.	0.	
WR 3272	961.12	521.0A	13	6	0	0.10E 01	0.	13	6	0	F004	0	0.	0.	
WR 3272	790.97	420.07	13	33	0	0.10E 01	0.	13	33	0	F004	0	0.	0.	
WR 3272	951.52	433.90	21	2A	0	0.42E-07	0.16E 01	13	7	0	F004	5	0.	0.	
WR 3272	448.24	432.07	13	5	0	0.10E 01	0.78E-01	13	5	0	F004	1	0.	0.	
WR 3272	507.92	480.0A	21	15	0	0.35E-07	0.22E 00	13	7	0	F004	2	0.	0.	
WR 3272	718.74	426.9A	22	16	4	0.21E-07	0.72E 00	2	0	0	F004	6	0.	0.	
WR 3272	3064.54	1040.1A	21	1	0	0.14E-07	0.54E-01	20	0	0	F004	4	0.	0.	
WR 3272	745.93	472.17	22	26	0	0.17E-07	0.16E 01	0	4	0	F004	5	0.	0.	
WR 3272	799.13	396.07	11	0	0	0.10E 01	0.56E-01	11	0	0	F004	1	0.	0.	
WR 3272	812.33	396.07	17	0	0	0.10E 01	0.90E-02	17	0	0	F004	0	0.	0.	
WR 3272	765.54	432.07	32	41	10	0.20E-07	0.27E 01	9	78	0	F004	15	0.	0.	
WR 3272	493.16	521.0A	13	11	0	0.10E 01	0.	13	11	0	F004	0	0.	0.	
WR 990F	922.72	184.59	1A	14	0	0.10E-06	0.46E-01	4	0	0	F106	1	0.	0.	
WR 4007	14398.80	254.73	3	14	3	0.10E 01	0.49E 00	3	14	3	C130	4	0.	0.	
WR 4002	959.92	1440.24	5	0	0	0.10E 01	0.62E-04	5	0	0	C130	0	0.	0.	
WR 324F	77485.94	1915.5A	20	18A	0	0.30E-06	0.55E 01	11	179	0	F111	14	0.03	0.03	
WR 336A	327.57	437.10	11	47	0	0.29E-05	0.1AE 01	6	42	0	V010	12	0.	0.	
WR 4002	16603.02	4940.43	11	A	0	0.73E-07	0.43E 00	11	A	0	C130	4	0.01	0.01	
WR 4002	25197.90	3396.57	9	3	0	0.63E-07	0.12E 01	4	3	0	C130	4	0.00	0.00	
WR 4002	464A.41	1A24.30	10	4	0	0.61E-07	0.22E 00	4	3	0	C130	4	0.07	0.07	
WR 4002	3591.30	4940.43	A	2	0	0.10E 01	0.36E-01	8	2	0	C130	1	0.07	0.07	
WR 4002	430.76	86.17	5	15	0	0.40E-06	0.20E 00	2	12	0	C130	3	0.	0.	
WR 4002	610.75	600.10	4	15	0	0.10E-06	0.19E 00	8	22	0	C130	3	0.	0.	
WR 4002	15544.30	6441.14	11	25	0	0.54E-07	0.15E 01	1	A	22	0	C130	6	0.	0.
WR 4007	7374.59	376A.63	2	A	0	0.17E-07	0.35E 00	1	7	0	C130	4	0.	0.	
WR 4002	10733.11	4080.6A	3	7	0	0.17E-06	0.74E 00	2	2	0	C130	4	0.00	0.00	
WR 1010	4941.25	5452.99	5	0	0	0.10E 01	0.14E-02	5	0	0	H052	0	0.00	0.00	

NSN	ALC	SMC	COST	R/COST	TARGET	NLRUSREP	NLRUSPHU	SVLST	ERUS	ITASSE	NREP	NPNUC	LAST	MD	NRFC	SHERO
1270004543602	MR	201W	1258.70	715.00	26	1	0	0.33F-06	0.61F-01	25	0	0	F106		3	0.
1270004543605	MR	201W	6071.49	945.41	9A	42	0	0.10F-06	0.15E-02	64	A	0	F106		33	2.62
1270004547507	MR	201W	1667.86	1127.26	7A	A2	0	0.16F-06	0.43E-01	48	52	0	F106		15	0.
1270004547910	MR	994F	531.56	247.93	1A	12	5	0.12F-06	0.17E-00	2	1	0	F106		4	0.
1270004547943	MR	201W	1550.27	323.90	22	3	0	0.53F-06	0.10E-00	19	0	0	F106		2	0.
1270004547944	MR	0007	3887.68	118.22	4	4	0	0.26E-06	0.21E-00	2	2	0	F106		2	0.
1270004547956	MR	201W	1259.90	441.01	26	0	0	0.10E-01	0.36F-01	26	0	0	F106		2	0.
1270004547957	MR	201W	5087.58	895.90	57	0	0	0.10F-01	0.38E-01	57	0	0	F106		4	0.
1270004637789	MR	201W	1104.87	150.95	27	0	36	0.13E-06	0.36E-01	5	0	14	F106		17	0.
1270004649784	MR	201W	1799.85	2484.26	8	0	0	0.10E-01	0.15E-00	A	0	0	F106		3	0.
1270004715047	MR	101H	6223.88	2318.93	33	122	0	0.97F-08	0.42E-02	5	94	0	8052		42	2.51
1270004752873	MR	3272	6359.47	484.69	45	302	0	0.19E-07	0.45E-01	18	275	0	F004		14	0.
1270004767943	MR	4007	20982.50	78013.00	9	0	0	0.10F-01	0.66F-01	9	0	0	C130		7	0.
1270004767945	MR	3277	9780.38	1159.07	61	294	0	0.17F-07	0.11E-02	28	261	0	F004		26	2.37
1270004767946	MR	3272	20017.93	1273.98	54	141	0	0.15F-07	0.18E-02	33	120	0	F004		33	1.17
1270004775635	MR	201W	706.74	454.86	36	0	0	0.10F-01	0.17E-04	36	0	0	F106		0	1.17
1270004775444	MR	201W	574.75	413.86	31	15	0	0.14F-06	0.38E-00	19	3	0	F106		4	0.
1270004806820	MR	4002	9595.60	1919.60	3	5	0	0.10E-01	0.57E-01	3	5	0	C130		2	0.
1270004806821	MR	4002	16739.80	3348.80	2	14	0	0.10E-01	0.80E-01	2	14	0	C130		2	0.
1270004806822	MR	4002	15391.12	9001.50	3	15	0	0.10E-01	0.66E-00	3	15	0	C130		5	0.
1270004806823	MR	4002	6634.25	1380.23	5	6	0	0.43E-07	0.20E-00	3	4	0	C130		3	0.
1270004809845	MR	4002	1664.26	2088.35	3	12	0	0.87E-07	0.17E-00	2	11	0	C130		3	0.
1270004829869	MR	4002	2950.55	590.26	2	6	0	0.91E-07	0.21E-00	0	4	0	C130		3	0.
1270004838190	MR	4002	509.96	600.10	4	0	8	0.12E-06	0.11E-01	0	0	4	C130		4	0.
1270004847364	MR	4002	5759.52	1152.19	1	3	0	0.11E-06	0.13E-00	0	2	0	C130		2	0.
1270004907755	MR	201W	1191.50	755.98	42	19	0	0.76E-07	0.70E-00	42	0	0	F106		4	0.
1270004991900	MR	129A	20367.10	2436.97	5	0	0	0.65E-07	0.10E-00	-5	14	0	H111		6	0.12
1270005000953	991	MR 101D	178.59	84.55	-5	0	0	0.19E-07	0.11E-01	1	17	0	8052		3	0.00
1270005033733	MR	1012	1611.47	322.37	15	31	0	0.96E-08	0.92E-01	8	141	0	8052		7	0.
1270005065514	MR	101D	29279.96	2379.77	26	159	0	0.17E-06	0.47E-00	0	10	0	8052		18	0.54
1270005075141	MR	1012	489.56	192.13	12	22	0	0.11E-07	0.25E-02	9	235	0	8052		4	0.
1270005095646	MR	101D	15502.71	1864.86	32	258	0	0.18E-07	0.79E-00	-66	0	0	8052		32	1.21
1270005095687	MR	1012	644.96	140.63	-66	0	0	0.95E-08	0.69E-01	-73	0	0	8052		9	0.12
1270005127708	MR	101D	19389.18	3981.88	21	177	0	0.23E-07	0.11E-01	5	161	0	8052		19	0.03
1270005127735	991	MR 1012	204.07	90.07	-73	0	0	0.13E-07	0.25F-01	21	76	0	8052		12	0.
1270005190031	MR	1012	1791.45	803.14	45	100	0	0.46E-07	0.15E-01	1	36	0	H111		9	0.24
1270005203911	MR	129A	20367.10	2327.56	8	43	0	0.11F-06	0.95F-00	1	32	0	8052		6	0.00
1270005227842	MR	101D	953.92	200.52	10	41	0	0.17E-07	0.33E-02	18	0	0	8052		1	0.00
1270005234170	MR	1012	348.08	74.94	18	0	0	0.10F-01	0.49E-02	29	0	0	F106		1	0.00
1270005348845	MR	201W	403.17	80.65	29	0	0	0.12F-07	0.17E-01	-130	0	0	8052		15	0.01
1270005381956	991	MR 1012	481.96	332.03	-130	0	0	0.16F-07	0.31E-00	13	14	0	F004		3	0.
1270005428917	MR	3272	1801.48	408.07	22	23	0	0.10E-01	0.93E-01	2	0	0	F004		2	0.
1270005429205	MR	3272	595.75	200.04	2	0	10	0.21E-07	0.13E-00	10	0	0	F004		1	0.
1270005429214	MR	3272	399.21	396.07	20	0	2	0.10E-01	0.	5	0	2	F004		0	0.
1270005429269	MR	3272	820.61	164.16	5	0	3	0.85F-07	0.40E-01	17	0	0	F004		1	0.
1270005429309	MR	3272	97.64	396.07	20	0	5	0.22E-07	0.25E-01	A	145	0	F004		10	0.
1270005429320	MR	3272	1234.70	473.62	27	159	0	0.10E-01	0.	A	41	0	F004		0	0.
1270005462334	MR	3277	2855.76	864.14	8	41	0	0.10F-01	0.22E-02	22	0	0	F004		0	0.
1270005462334	MR	3277	302.85	384.06	22	0	0	0.10F-01	0.11E-02	20	0	0	F004		0	0.
1270005489802	MR	3277	616.75	456.08	20	0	0	0.10F-01	0.11E-02	20	0	0	F004		0	0.



NSN	ALC	SHC	CUST	HCOST	TARGET	NLRUSREP	NLRUSPHO	SVLAST	EROS	ITASSE	NRFP	NPROC	LAST	MD	NREC	SRIERO
1270005511009	MR 3272	1927A.79	461.93	44	293	0	0.24E-07	0.66E 01	16	266	0	F004	21	0.		
1270005511050	MR 3272	366.21	288.16	22	20	0	0.23E-07	0.51E 00	2	0	0	F004	3	0.		
1270005511051	MR 3272	10494.33	370.47	32	159	0	0.20E-06	0.26E 01	20	147	0	F004	11	0.		
1270005511052	MR 3272	72821.93	971.93	59	101	0	0.21E-07	0.48E 01	28	70	0	F004	11	0.		
1270005531102	991	150.49	99.80	-21	0	0	0.41E-07	0.43E 00	-21	0	0	R052	6	0.00		
1270005531172	MR 3272	765.54	420.98	11	28	0	0.14E-07	0.13E 01	0	17	0	F004	6	0.		
1270005562269	MR 3272	78863.43	5687.92	70	393	0	0.15E-07	0.27E 02	38	361	0	F004	44	3.61		
1270005577146	MR 1012	630.31	131.42	56	682	0	0.23E-07	0.93E 01	12	638	0	R052	28	0.		
1270005647455	991	374.85	126.07	-134	0	0	0.14E-07	0.48E 01	-134	0	0	R052	31	0.07		
1270005646026	MR 1012	1699.06	415.02	55	352	0	0.10E-07	0.52E 01	18	315	0	R052	20	0.		
1270005810152	MR 1012	1271.89	658.19	19	29	0	0.11E-07	0.12E 01	5	15	0	R052	7	0.		
1270005831105	MR 201W	1153.10	999.43	38	39	0	0.17E-06	0.45E 01	4	5	0	F106	13	0.		
1270005865575	MR 201W	2107.02	565.35	25	71	0	0.13E-06	0.51E 00	8	54	0	F106	6	0.		
1270005865577	MR 201W	1199.90	418.31	24	68	0	0.19E-06	0.22E 01	3	47	0	F106	11	0.		
1270005933042	MR 201W	1771.05	610.57	45	7	0	0.17E-06	0.94E 00	38	0	0	F106	8	0.		
1270005946528	MR 201W	3460.51	654.43	26	114	0	0.18E-06	0.49E 00	10	98	0	F106	8	0.		
1270006004354	MR 1016	24224.78	1638.30	48	375	0	0.90E-08	0.22E 02	12	339	0	R052	39	2.03		
1270006004355	MR 1016	8658.48	628.12	20	88	0	0.14E-07	0.40E 01	2	70	0	R052	14	0.07		
1270006004357	MR 1016	6875.43	1246.64	27	124	0	0.88E-08	0.76E 01	-2	99	0	R052	21	0.80		
1270006004359	991	487.68	174.87	-88	0	0	0.15E-07	0.10E 01	-88	0	0	R052	11	0.04		
1270006004360	MR 1016	6471.06	2634.13	25	120	0	0.14E-07	0.78E 01	7	102	0	R052	20	0.36		
1270006004361	MR 1016	23867.21	1960.87	34	301	0	0.87E-08	0.17E 02	6	273	0	R052	28	0.57		
1270006004362	MR 1016	911.92	195.54	22	0	0	0.10E 01	0.42E-03	22	0	0	R052	0	0.57		
1270006004363	MR 1016	5796.72	992.08	39	378	0	0.90E-08	0.59E 01	10	349	0	R052	20	0.		
1270006017453	MR 1012	525.56	189.24	29	42	0	0.25E-07	0.12E 01	6	19	0	R052	7	0.		
1270006075994	991	570.24	203.09	-39	0	0	0.15E-07	0.10E 01	-39	0	0	R052	8	0.00		
1270006110223	991	433.39	187.57	-33	0	0	0.80E-07	0.47E 00	-23	0	0	R052	5	0.00		
1270006110224	991	441.01	74.82	-68	0	0	0.73E-07	0.99E 00	-68	0	0	R052	10	0.07		
1270006110234	MR 1012	562.93	129.48	-16	0	0	0.67E-07	0.39E 00	-16	0	0	R052	4	0.01		
1270006154968	MR 9999	4682.01	4810.63	19	17	0	0.33E-05	0.14E 01	17	15	0	T039	7	0.		
1270006355639	MR 201W	520.76	398.92	28	0	0	0.10E 01	0.54E-01	28	0	0	F106	4	0.		
1270006336479	MR 1012	1295.89	1002.13	25	56	0	0.14E-07	0.86E 01	2	33	0	R052	27	0.42		
1270006354353	MR 101D	5227.96	1045.85	1	0	0	0.10E 01	0.84E-02	1	0	0	R052	1	0.42		
1270006354381	MR 1012	1625.86	195.30	12	13	0	0.87E-07	0.35E 00	0	1	0	R052	4	0.		
1270006463689	MR 201W	2134.62	607.71	22	23	0	0.16E-06	0.27E 00	6	7	0	F106	4	0.		
1270006718880	MR 101M	1407.48	363.23	7	8	0	0.45E-07	0.32E 00	0	1	0	R052	4	0.		
1270007118941	MR 9999	767.94	651.25	3	0	0	0.10E 01	0.69E-03	3	0	0	T039	0	0.		
1270007217172	MR 201W	484.76	202.71	8	13	0	0.10E 01	0.	8	13	0	F106	0	0.		
1270007217185	MR 9999	914.32	1046.83	4	5	0	0.10E 01	0.	4	5	0	F105	0	0.		
127000726417	MR 3062	3464.11	3543.21	12	37	0	0.22E-05	0.78E 00	10	35	0	F105	5	0.03		
1270006829441	MR 2012	1399.08	279.89	19	0	0	0.10E 01	0.62E-04	19	0	0	F106	0	0.03		
127000699252	MR 101D	723.54	328.13	47	57	0	0.12E-07	0.20E 01	31	41	0	R052	9	0.		
1270007096760	MR 201W	1353.27	697.26	43	362	0	0.12E-06	0.51E 01	18	337	0	F106	23	0.		
1270007275491	MR 201W	1367.89	273.65	52	10	0	0.12E-06	0.65E-01	42	0	0	F106	4	0.		
1270007385806	MR 201W	5399.55	1066.39	148	958	0	0.97E-07	0.34E 02	52	862	0	F106	42	18.95		
1270007394234	MR 1016	2742.97	623.94	34	271	0	0.10E-07	0.48E 01	7	243	0	R052	18	0.		
1270007394236	MR 101D	2109.42	754.95	54	110	0	0.93E-08	0.26E 01	38	94	0	R052	12	0.		
1270007395822	991	468.20	188.65	8	0	0	0.34E-07	0.47E 00	8	0	0	R052	6	9.25		
1270007395825	MR 101D	10767.90	5739.12	20	65	0	0.11E-07	0.91E 01	10	55	0	R052	15	0.29		
1270007395827	MR 101D	4999.98	1054.04	19	59	0	0.12E-07	0.19E 01	8	48	0	R052	9	0.		

NSN	AIC	SNC	CUST	RCUST	TANGFT	NLRUSREP	NLRUSPRD	SVLAST	EBOS	ITASSF	NREP	NPROC	LAST	MD	MPREC	SMUENH
1270007495430	091	MR 1012	149.99	121.54	26	110	0	0.58E-07	0.19E 01	2	86	0	B052	10	0.	0.
1270007495431	MR 1012	1454.83	371.06	-7	0	0	0	0.52E-07	0.27E 00	-7	0	0	B052	3	0.01	0.01
1270007581531	MR 4002	3268.53	2400.40	8	4	4	0	0.10E 01	0.77E 00	8	4	0	C130	3	0.01	0.01
1270007644544	MR 999F	1559.87	312.05	46	0	0	0	0.10E 01	0.66E-02	46	0	0	F106	1	0.01	0.01
1270007654463	MR 201W	497.96	429.92	47	0	0	0	0.10E 01	0.39E 01	47	0	0	F106	3	0.01	0.01
1270007801576	MR 306Z	309.57	222.48	1	0	0	0	0.10E 01	0.61E-03	1	0	0	F105	1	0.01	0.01
1270007940450	MR 999F	580.75	87.1A	3	32	3	7	0.10E 01	0.71E-03	32	3	7	ZNUL	5	0.01	0.01
1270007944969CA	SM 303Z	852.77	1392.23	12	3	3	69	0.10E 01	0.	12	3	69	ZNUL	0	0.01	0.01
1270007949129CA	SM 303Z	784.01	546.90	74	2	2	69	0.10E 01	0.	74	2	69	ZNUL	0	0.01	0.01
1270007959003	MR 101W	1677.46	31 1270005831195	25	71	0	0	1153.10	999.43	38	39	0	0.17E-06	0.45E 01	6	0.
1270008665575	MR 201W	2107.02	565.35	25	6A	0	0	0.13E-06	0.51E 00	8	54	0	F106	11	0.	0.
1270008665577	MR 201W	1199.90	418.31	24	7	0	0	0.19E-06	0.22E 01	3	47	0	F106	8	0.	0.
1270008933042	MR 201W	1771.05	610.57	45	114	0	0	0.17E-06	0.94E 00	38	0	0	F106	8	0.	0.
1270008946528	MR 201W	3460.51	654.43	26	375	0	0	0.10E-06	0.49E 00	10	94	0	F106	8	0.	0.
12700089604350	MR 101G	24224.78	1638.30	48	8A	0	0	0.90E-08	0.22E 02	12	339	0	B052	39	2.03	2.03
12700089604355	MR 101G	8658.48	628.12	20	124	0	0	0.14E-07	0.40E 01	2	70	0	B052	14	0.07	0.07
12700089604357	MR 101G	6875.43	1246.64	27	124	0	0	0.88E-08	0.76E 01	-2	99	0	B052	21	0.80	0.80
12700089604359	091	MR 1017	487.6A	174.87	-8A	0	0	0.15E-07	0.10E 01	-8A	0	0	B052	11	0.04	0.04
12700089604360	MR 101G	6471.06	2634.13	25	120	0	0	0.14E-07	0.78E 01	7	102	0	B052	20	0.36	0.36
12700089604361	MR 101G	23867.21	1960.87	34	301	0	0	0.87E-08	0.17E 02	6	273	0	B052	28	0.57	0.57
12700089604362	MR 101G	911.92	195.54	22	0	0	0	0.10E 01	0.42E-03	22	0	0	B052	20	0.	0.
12700089604363	MR 101G	5796.72	992.04	39	378	0	0	0.90E-08	0.59E 01	10	349	0	B052	20	0.	0.
12700089604364	MR 1012	525.56	189.24	29	42	0	0	0.25E-07	0.12E 01	6	19	0	B052	7	0.	0.
12700089604365	091	MR 1012	570.24	203.09	-39	0	0	0.15E-07	0.10E 01	-39	0	0	B052	8	0.00	0.00
12700089604366	091	MR 1012	433.39	187.57	-23	0	0	0.80E-07	0.47E 00	-23	0	0	B052	5	0.00	0.00
12700089604367	091	MR 1012	441.01	74.42	-6A	0	0	0.73E-07	0.99E 00	-6A	0	0	B052	10	0.07	0.07
12700089604368	091	MR 1012	562.93	129.48	-16	0	0	0.67E-07	0.39E 00	-16	0	0	B052	4	0.01	0.01
12700089604369	MR 9999	4682.01	4810.63	19	17	0	0	0.33E-05	0.14E 01	17	15	0	T039	7	0.	0.
12700089604370	MR 201W	520.76	398.92	28	0	0	0	0.10E 01	0.54E-01	28	0	0	F106	4	0.	0.
12700089604371	MR 1012	1295.89	1002.13	25	56	0	0	0.10E 01	0.86E 01	2	34	0	B052	27	0.42	0.42
12700089604372	MR 101D	5227.96	1045.85	1	0	0	0	0.10E 01	0.84E-02	1	0	0	B052	1	0.42	0.42
12700089604373	MR 1012	1625.86	195.30	12	13	0	0	0.87E-07	0.35E 00	0	1	0	B052	4	0.	0.
12700089604374	MR 201W	2134.62	607.71	22	23	0	0	0.16E-06	0.27E 00	6	7	0	F106	4	0.	0.
12700089604375	MR 101H	1407.48	363.23	7	8	0	0	0.45E-07	0.32E 00	0	1	0	B052	4	0.	0.
12700089604376	MR 9999	767.94	651.25	3	0	0	0	0.10E 01	0.69E-03	3	0	0	T039	0	0.	0.
12700089604377	MR 201W	484.76	202.71	8	13	0	0	0.10E 01	0.	8	13	0	F106	0	0.	0.
12700089604378	MR 9999	914.32	1046.63	4	5	0	0	0.10E 01	0.78E 00	4	5	0	F105	0	0.	0.
12700089604379	MR 306Z	3464.11	3543.21	12	37	0	0	0.22E-05	0.78E 00	10	35	0	F105	5	0.03	0.03
12700089604380	MR 2012	1399.08	279.49	19	0	0	0	0.10E 01	0.62E-04	19	0	0	F106	0	0.03	0.03
12700089604381	MR 101D	723.54	328.13	47	57	0	0	0.12E-07	0.20E 01	31	41	0	B052	9	0.	0.
12700089604382	MR 201W	13531.27	697.26	43	362	0	0	0.12E-06	0.51E 01	18	337	0	F106	23	0.	0.
12700089604383	MR 201W	1367.49	273.65	52	10	0	0	0.17E-06	0.65E-01	42	0	0	F106	4	0.	0.
12700089604384	MR 201W	5399.55	1066.49	148	95A	0	0	0.97E-07	0.34E 02	52	462	0	F106	82	18.95	18.95
12700089604385	MR 101G	2742.97	623.94	35	271	0	0	0.10E-07	0.44E 01	38	94	0	B052	18	0.	0.
12700089604386	MR 101D	2109.42	754.95	54	110	0	0	0.93E-08	0.26E 01	38	94	0	B052	12	0.	0.
12700089604387	091	MR 1017	468.20	188.65	8	0	0	0.31E-07	0.47E 00	10	55	0	B052	6	9.25	9.25
12700089604388	MR 101D	10747.90	5739.12	20	65	0	0	0.11E-07	0.91E 01	10	55	0	B052	15	0.29	0.29
12700089604389	MR 101D	4999.9A	1054.04	19	59	0	0	0.12E-07	0.19E 01	8	48	0	B052	9	0.	0.

NSN	ALC	SMC	CUST	RCUST	TARGET	NRUSREP	NRUSPRH	SVLAST	EBUS	ITASSE	NRFP	NPHOC	LAST MD	NREC	SRUFHU
127000739830	MR 1017	149.99	121.58	26	110	0	0.5AF-07	0.19E 01	2	86	0	0	0	10	0.
127000739831	MR 1012	1454.43	371.06	-7	0	0	0.5PE-07	0.27E 00	-7	0	0	0	0	3	0.01
127000739832	MR 4002	3268.53	2400.40	8	4	0	0.10E 01	0.77E-01	8	4	0	0	0	3	0.01
127000739833	MR 999F	1559.87	312.05	46	0	0	0.10E 01	0.66E-02	46	0	0	0	0	1	0.01
127000739834	MR 201W	497.96	429.92	47	0	0	0.10F 01	0.39E-01	47	0	0	0	0	3	0.01
127000739835	MR 306Z	309.57	222.48	1	0	0	0.10F 01	0.81E-03	1	0	0	0	0	1	0.01
127000739836	MR 999F	580.75	87.18	3	32	0	0.10E 01	0.71E-03	3	32	0	0	0	5	0.01
127000739837	SM 303Z	852.77	1392.23	12	3	7	0.10E 01	0.	12	3	7	7	0	0	0.01
127000739838	SM 303Z	784.01	586.90	74	2	69	0.10E 01	0.	74	2	69	0	0	0	0.01
127000739839	MR 101H	1677.46	315.21	11	27	0	0.28E-07	0.12E 01	0	16	0	0	0	8	0.23
127000739840	MR 101H	4372.44	1541.80	13	27	0	0.13E-07	0.28E 01	0	14	0	0	0	11	0.1A
127000739841	MR 1012	191.44	100.18	3	0	0	0.16E-06	0.37E-01	3	0	0	0	0	1	0.03
127000739842	MR 1012	182.22	55.50	-34	0	0	0.23E-07	0.96E 00	-34	0	0	0	0	9	3.10
127000739843	MR 999F	837.53	165.74	18	8	0	0.24E-06	0.56E-01	10	0	0	0	0	1	0.
127000739844	MR 999F	1047.51	209.55	3	5	0	0.10F 01	0.	3	5	0	0	0	0	0.
127000739845	MR 999F	908.32	156.84	23	97	0	0.15E-06	0.16E 01	2	76	0	0	0	11	0.
127000739846	MR 201W	1948.23	270.27	19	14	0	0.22E-06	0.15E 00	5	0	0	0	0	3	0.01
127000739847	MR 201W	2116.62	604.83	19	26	11	0.11E-06	0.14E 02	3	21	0	0	0	20	1.28
127000739848	MR 201W	3790.48	1240.27	6	28	0	0.10E 01	0.	6	28	0	0	0	0	1.28
127000739849	MR 101H	919.12	194.47	7	14	4	0.16E-07	0.69E 00	0	11	0	0	0	5	0.
127000739850	MR 101H	621.55	273.11	51	188	0	0.12E-07	0.75E 01	9	146	0	0	0	21	0.
127000739851	MR 999F	4037.66	574.18	19	153	0	0.10E-07	0.27E 01	2	136	0	0	0	9	0.
127000739852	MR 1010	2270.21	1017.81	67	215	0	0.13E-07	0.40E 01	49	197	0	0	0	15	0.
127000739853	MR 1015	2047.03	1358.29	53	573	0	0.94E-08	0.95E 01	16	536	0	0	0	28	0.
127000739854	MR 201W	1237.10	846.42	73	16	0	0.10E-06	0.39E 00	57	0	0	0	0	8	0.
127000739855	MR 201W	1635.46	725.02	68	0	0	0.10E 01	0.24E-02	68	0	0	0	0	1	0.
127000739856	MR 101H	31667.76	2718.93	30	282	5	0.11E-07	0.28E 02	11	268	0	0	0	33	0.04
127000739857	MR 101H	21330.62	2553.67	36	231	0	0.13E-07	0.13E 02	8	203	0	0	0	27	0.24
127000739858	MR 101H	21250.23	6529.06	49	488	0	0.10E-07	0.26E 02	16	455	0	0	0	38	0.16
127000739859	MR 101H	33238.43	3084.90	36	235	0	0.11E-07	0.25E 02	8	207	0	0	0	36	1.02
127000739860	MR 101H	21937.77	2382.07	49	362	0	0.91E-08	0.45E 02	10	323	0	0	0	74	3.86
127000739861	MR 101H	28369.24	2821.47	30	174	0	0.11E-07	0.19E 02	6	150	0	0	0	29	0.35
127000739862	SM 303Z	3288.93	11093.45	18	11	6	0.10E 01	0.	18	11	6	0	0	0	0.35
127000739863	MR 201W	522.20	308.04	19	30	0	0.12E-06	0.23E 00	1	12	0	0	0	5	0.
127000739864	SM 303Z	368.37	73.69	3	1	2	0.10F 01	0.	3	1	2	0	0	0	0.
127000739865	MR 101H	12108.19	5372.60	39	275	0	0.96E-08	0.36E 02	10	246	0	0	0	40	0.67
127000739866	MR 999F	31.39	6.53	-36	0	0	0.38E-06	0.95E-01	-36	0	0	0	0	17	0.11
127000739867	MR 335A	4575.22	420.07	3	2	0	0.54E-05	0.43E 00	2	1	0	0	0	5	0.
127000739868	MR 324Z	9269.23	2060.98	8	12	0	0.20F-07	0.27E 01	1	5	0	0	0	8	0.07
127000739869	MR 1012	5657.53	1596.15	28	64	0	0.16F-07	0.16F 01	14	50	0	0	0	8	0.00
127000739870	MR 101H	479.96	144.91	11	8	0	0.10E-06	0.36E 00	3	0	0	0	0	4	0.
127000739871	MR 999F	2934.96	1850.12	27	220	0	0.13E-07	0.14E 02	9	202	0	0	0	25	0.62
127000739872	MR 1012	762.00	145.24	-7	0	0	0.63E-07	0.15E 00	-7	0	0	0	0	4	0.42
127000739873	MR 201W	29997.50	2504.42	65	55	0	0.96E-07	0.21E 02	31	1	0	0	0	55	4.53
127000739874	MR 101H	721.14	259.78	6	2	0	0.96F-07	0.29E-01	4	0	0	0	0	2	0.
127000739875	MR 201W	1448.28	397.79	43	0	0	0.10F 01	0.38E-02	43	0	0	0	0	1	0.
127000739876	MR 101H	56644.95	2075.11	44	3	0	0.14E-06	0.23E 00	41	0	0	0	0	15	2.27
127000739877	MR 327Z	415.29	218.83	24	61	0	0.22E-07	0.19E 01	1	38	0	0	0	9	0.
127000739878	MR 327Z	1585.48	1486.66	36	106	0	0.27E-07	0.49F 01	19	89	0	0	0	19	1.24
127000739879	MR 327Z	2594.18	721.48	78	413	0	0.16F-07	0.86E 01	33	368	0	0	0	19	0.

NSN	ALC	SMC	CUST	RCUST	TARGET	HLRUSREP	HLRUSPRII	SVLST	EROS	ITASSE	MREP	NPHOC	LAST	MD	NREC	SHUFRII
1270009160172	WR 4277	3064.54	560.1A	62	220	0	0.21F-07	0.51E 01	35	193	0	0	F004	15	0.	0.
1270009171157	WR 201W	5591.53	942.75	54	30	0	0.97E-07	0.28E 01	24	0	0	0	F106	17	1.59	0.47
127000917118A	WR 3242	6359.47	1204.71	7	23	0	0.12F-07	0.15E 01	0	16	0	0	F111	7	0.47	0.
127000917471A	WR 3067	12423.76	3551.56	8	35	0	0.24E-05	0.37E 00	7	34	0	0	F105	4	0.	0.
12700092167A8	WR 1016	55856.54	18424.41	28	225	0	0.14F-07	0.90E 02	10	207	0	0	H052	29	0.67	0.
12700092167A9	WR 1010	69926.57	16614.26	13	60	0	0.15F-07	0.52E 02	3	50	0	0	H052	21	0.50	0.
12700092A0A99	WR 9999	21519.01	10936.49	17	18	0	0.27E-05	0.16E 01	16	17	0	0	T039	7	0.	0.
1270009313365	WR 201W	13776.05	1169.55	32	37	0	0.13E-06	0.43E 01	14	19	0	0	F106	26	0.55	0.
127000932401A	WR 98AW	1845.04	470.48	0	7	0	0.10F 01	0.14E 01	0	7	0	0	ZNUL	16	0.55	0.
127000934151A	WR 201W	5213.57	648.38	21	1	0	0.11E-06	0.15E-01	20	0	0	0	F106	2	0.15	0.
1270009341519	WR 201W	36860.93	2409.37	54	34	0	0.12F-06	0.11E 02	22	6	0	0	F106	40	4.15	0.
1270009370201	WR 1017	17327.76	1986.14	50	62	0	0.14F-07	0.16E 01	36	48	0	0	H052	8	0.	0.
1270009375051	WR 3272	29500.74	1081.98	55	126	0	0.33F-07	0.94E 01	27	98	0	0	F004	23	2.57	0.
1270009548450	WR 201W	17998.50	1634.68	62	0	0	0.10E 01	0.25E-01	62	0	0	0	F106	8	2.57	0.
12700096707A3	WR 9499	1239.50	1017.05	4	6	0	0.48E-05	0.81E 00	1	3	0	0	T039	5	0.	0.
12700097377A7	WR 400Z	636.19	224.68	2	7	0	0.25E-06	0.42E-01	1	6	0	0	C130	1	0.	0.
1270009739190	WR 201W	1046.31	601.55	39	2	0	0.22E-06	0.22E 00	37	0	0	0	F106	6	0.	0.
1270009755A11	WR 3272	2519.79	302.33	57	170	0	0.16F-07	0.31E 01	31	144	0	0	F004	12	0.	0.
1270009755822	WR 3277	3059.74	962.80	52	131	0	0.22E-07	0.35E 01	28	107	0	0	F004	10	0.	0.
1270009755895	WR 3272	1499.88	2284.32	72	366	0	0.18F-07	0.66E 01	46	340	0	0	F004	20	0.	0.
1270009755898	WR 3272	1439.88	288.05	45	0	0	0.10E 01	0.51E-04	45	0	0	0	F004	0	0.	0.
12700097A3994CH	SM 303Z	863.93	172.83	4	0	2	0.10E 01	0.	3	0	2	0	ZNUL	0	0.	0.
12700098A2039	WR 201W	20506.29	1030.04	32	135	0	0.67E-06	0.36E 01	17	120	0	0	F106	21	0.13	0.13
1270009A2145	WR 999F	1125.51	276.80	5	9	0	0.10E 01	0.	5	9	0	0	F106	0	0.	0.
1270009A49661	WR 201W	1582.67	356.05	22	3	0	0.35E-06	0.72E-01	19	0	0	0	F106	2	0.	0.
1270009A99661	WR 201W	81A.33	281.52	36	0	0	0.10E 01	0.39E-01	36	0	0	0	F106	2	0.	0.
1270009A99672	WR 201Z	333.93	330.92	13	4	0	0.12E-06	0.14E 00	9	0	0	0	F106	3	0.	0.
1270009A99687CH	SM 303Z	5253.16	1320.22	9	1	2	0.10E 01	0.	9	1	2	0	ZNUL	0	0.	0.
1270009974761	WR 201W	5679.51	A04.66	35	0	0	0.10F 01	0.87E-01	35	0	0	0	F106	4	0.	0.
1270009977942	WR 201W	350.37	169.20	25	0	0	0.10E 01	0.14E-01	25	0	0	0	F106	1	0.	0.
1270010031763	WR 999F	26782.97	6001.00	6	43	0	0.47E-06	0.68E 00	5	42	0	0	F005	9	0.43	0.
1270010033380	WR 999F	38862.36	4800.80	7	80	0	0.56E-06	0.26E 01	2	75	0	0	F005	10	0.00	0.00
1270010100720	WR 201W	1093.11	491.51	39	0	0	0.10E 01	0.70F-01	39	0	0	0	F106	5	0.	0.
1270010104824	WR 201W	1061.91	956.51	76	13	0	0.12E-06	0.31E 00	63	0	0	0	F106	6	0.	0.
1270010109267	WR 999A	159.83	428.42	30	88	0	0.35E-07	0.90E-01	27	85	0	0	A010	0	0.	0.
127001010926A	WR 999A	897.89	404.62	27	17	0	0.10E 01	0.26E-02	27	17	0	0	A010	0	0.	0.
1270010109270	WR 999A	1689.46	551.56	32	70	0	0.10F 01	0.26E-01	32	70	0	0	A010	1	0.	0.
1270010109271	WR 999A	1659.46	650.84	28	26	1	0.10F 01	0.50E-02	28	26	1	0	A010	0	0.	0.
1270010109449	WR 999A	1098.39	488.13	33	3	0	0.10F 01	0.11E-02	33	3	0	0	A010	0	0.	0.
1270010110478	WR 999A	7814.95	651.36	29	21	4	0.10E 01	0.12E-02	29	21	4	0	A010	0	0.	0.
1270010110478	WR 999A	1762.65	571.25	33	203	0	0.38E-07	0.66E 00	26	196	0	0	A010	12	0.	0.
127001011463A	WR 420L	8366.90	1673.80	2	15	0	0.17E-06	0.10F 01	0	13	0	0	T038	5	0.	0.
1270010114A02	WR 999A	448.04	379.66	30	27	0	0.10F 01	0.	30	27	0	0	A010	0	0.	0.
1270010116A07	WR 329A	621.55	433.90	17	16	0	0.77F-07	0.58E-01	15	14	0	0	A010	3	0.	0.
1270010116A0A	WR 329A	350.37	285.64	21	59	0	0.41F-07	0.43E 00	13	51	0	0	A010	6	0.	0.
1270010116A10	WR 329A	695.94	325.42	17	10	0	0.10E 01	0.80E-03	17	10	0	0	A010	0	0.	0.
1270010116A11	WR 329A	2237.81	325.42	17	1	0	0.10E 01	0.25E-02	17	1	0	0	A010	0	0.	0.
127001011A594	WR 999A	448.04	379.66	30	33	12	0.10E 01	0.20F-01	30	33	12	0	A010	1	0.	0.
127001015431A	WR 3272	1016.32	432.07	18	19	0	0.20F-07	0.61F 00	13	14	0	0	F004	8	0.	0.
127001015A045	WR 201W	502.88	100.60	13	15	0	0.31F-06	0.70E-01	2	4	0	0	F106	3	0.	0.

NSN	AIC	QMC	CUST	RCUST	TARGET	NLRUSREP	NLRUSPRD	SVLAST	EROS	ITASSE	NREP	NPROC	LAST	MO	NREC	SHIFRU
127001015A006	MR 201W	1196.78	373.92	15	65	0	0.11E-06	0.29E 00	7	57	0	0	F106	5	0.	0.
127001015A008	MR 201W	1033.83	206.82	14	22	0	0.11E-06	0.17E 00	3	11	0	0	F106	4	0.	0.
127001015A009	MR 201W	540.91	108.21	14	9	0	0.19E-06	0.12E 00	5	0	0	0	F106	3	0.	0.
127001015A050	MR 201W	331.05	66.23	14	9	0	0.17E-06	0.93E-01	5	0	0	0	F106	2	0.	0.
127001015A005	MR 327Z	6798.63	651.16	17	24	0	0.10E 01	0.0	17	24	0	0	F004	0	0.	0.
127001015A006	MR 327Z	712.38	472.17	22	13	0	0.20E-07	0.25E 00	13	8	0	0	F004	2	0.	0.
127001015A0267	MR 3247	56593.28	2400.40	135	811	0	0.22E-07	0.65E 02	79	755	0	0	F015	73	1.17	0.91
127001022A593	MR 330B	35063.48	2730.49	13	85	0	0.59E-06	0.20E 02	4	76	0	0	F005	26	0.91	0.91
127001022A153	MR 330B	39798.28	1060.72	5	0	0	0.10E 01	0.36E-02	5	0	0	0	F005	1	0.91	0.59
1270010251430	MR 327Z	41996.50	5274.96	27	331	10	0.16E-07	0.15E 02	12	316	0	0	F004	28	0.59	0.59
1270010251433	MR 327Z	17998.50	5629.53	11	86	0	0.16E-07	0.69E 01	7	86	6	0	F004	10	0.00	0.00
1270010259792	MR 327Z	978.88	472.17	14	32	0	0.10E 01	0.	14	32	0	0	F004	0	0.00	0.00
1270010279712	MR 201W	30004.50	3216.81	34	16	2	0.12E-06	0.14E 02	19	3	0	0	F106	46	4.38	4.38
1270010287491	MR 201W	8868.46	2229.05	32	217	0	0.93E-07	0.38E 01	16	201	0	0	F106	26	0.33	0.33
1270010287513	MR 201W	2537.79	985.52	2	4	0	0.10E 01	0.	2	4	0	0	F106	0	0.33	0.33
1270010298391	MR 327Z	585.79	481.20	24	87	0	0.32E-07	0.21E 01	2	65	0	0	F004	11	0.	0.
1270010322958	MR 329A	10034.76	1320.22	44	81	0	0.40E-07	0.53E 01	16	53	0	0	A010	19	0.38	0.38
1270010322960	MR 329A	540.67	660.11	112	252	0	0.10E 01	0.34E-02	112	0	0	0	A010	0	0.38	0.38
1270010322961	MR 329A	817.13	660.11	228	252	0	0.28E-07	0.11E 02	176	200	0	0	A010	30	0.	0.
1270010368368	MR 329A	546.55	433.90	17	12	2	0.10E 01	0.11E-02	17	12	2	0	A010	17	0.	0.
1270010371950	MR 329A	8897.26	977.05	75	8	0	0.10E 01	0.	75	8	0	0	A010	0	0.	0.
1270010405948	MR 328Z	44395.10	596.25	122	454	0	0.41E-07	0.56E 02	67	399	0	0	F015	35	7.19	7.19
1270010428841	MR 327Z	29888.31	2845.10	28	143	0	0.16E-07	0.18E 02	6	121	0	0	F004	46	2.60	2.60
1270010430993	MR 327Z	17775.32	1680.28	16	4	0	0.10E 01	0.12E 00	16	4	0	0	F004	2	2.60	2.60
1270010430992	MR 327Z	630.31	437.29	22	29	0	0.27E-07	0.30E 00	13	20	0	0	F004	3	0.	0.
1270010430993	MR 327Z	444.92	420.98	13	0	0	0.10E 01	0.79E-01	13	0	0	0	F004	1	0.	0.
1270010430994	MR 327Z	386.85	480.00	25	62	0	0.16E-07	0.73E 00	10	47	0	0	F004	6	0.	0.
1270010430995	MR 327Z	398.01	444.07	14	0	0	0.10E 01	0.44E-01	14	0	0	0	F004	1	0.	0.
1270010430996	MR 327Z	392.97	436.19	23	42	0	0.22E-07	0.18E 00	13	32	0	0	F004	2	0.	0.
1270010430997	MR 327Z	1060.35	521.08	10	48	0	0.10E 01	0.	10	38	0	0	F004	1	0.	0.
1270010436553	MR 327Z	386.85	492.08	21	1	0	0.27E-07	0.28E-01	20	0	0	0	F004	1	0.	0.
1270010436554	MR 327Z	562.39	521.08	21	24	7	0.23E-07	0.11E 01	0	10	0	0	F004	4	0.	0.
12700104519744F	MR 320Z	80609.28	16125.89	77	122	0	0.27E-07	0.54E 01	67	112	0	0	F016	22	0.	0.
1270010454472	MR 101Z	9238.03	958.71	80	448	2	0.10E-07	0.16E 02	40	410	0	0	H052	52	0.13	0.13
1270010454473	MR 101Z	13303.29	993.98	85	448	0	0.88E-08	0.18E 02	38	447	0	0	H052	35	0.54	0.54
1270010459009	MR 328Z	58210.75	1138.99	84	123	2	0.10E 01	0.27E 00	26	123	2	0	A010	9	0.54	0.54
1270010469884	MR 329A	48084.79	2223.72	6	198	0	0.94E-07	0.55E 02	31	145	0	0	F015	43	11.32	11.32
1270010469882	MR 329A	48084.79	2223.72	6	27	0	0.43E-07	0.24E 01	4	25	0	0	A010	14	0.32	0.32
1270010512966	MR 101Z	3593.70	1536.57	73	494	1	0.97E-08	0.55E 02	19	441	0	0	H052	86	6.23	6.23
1270010512967	MR 201W	3580.50	1633.59	47	371	0	0.97E-08	0.10E 02	11	335	0	0	H052	29	0.10	0.10
1270010521676	MR 201W	3538.51	1231.50	28	17	0	0.25E-06	0.15E 01	19	8	0	0	F106	9	0.	0.
1270010525171	MR 201W	8089.73	4338.96	3	0	0	0.10E 01	0.17E 00	3	0	0	0	F106	2	0.	0.
1270010548777	MR 327Z	359.92	192.83	1	2	0	0.24E-06	0.11E 00	0	1	0	0	F004	3	0.	0.
1270010548772	MR 337A	7336.19	1920.32	15	7	0	0.10E 01	0.47E-02	15	7	0	0	A007	1	0.	0.
1270010575160	MR 324A	21811.78	1395.70	142	185	0	0.30E-07	0.17E 02	99	142	0	0	A010	49	3.83	3.83
1270010575161	MR 337A	29003.98	7201.20	15	53	0	0.10E 01	0.80E 00	15	53	0	0	A007	14	3.83	3.83
1270010575183	MR 337A	1773.45	1274.61	19	70	0	0.17E-06	0.61E 00	15	66	0	0	A007	10	0.	0.
1270010575484	MR 337A	929.44	1274.61	14	70	0	0.17E-06	0.61E 00	15	66	0	0	A007	9	0.	0.
1270010575895	MR 337A	1861.04	1800.30	18	72	0	0.20E-06	0.61E 00	15	69	0	0	A007	10	0.	0.
1270010575896	MR 337A	977.56	1262.61	16	51	0	0.23E-06	0.31E 00	14	24	0	0	A007	6	0.	0.

APPENDIX C  
SAMPLE AIRCRAFT FILE (ACLIST)

SYSTEM ?LIST LA61A/STARS/COMMON/DH/SRTDPDOJ

1400	A007	'	A007D'	15	24	24	0
1680	A007	'	A007D'	29	18	18	0
1790	A007	'	A007D'	36	6	6	0
1960	A007	'	A007D'	37	2	2	0
2250	A007	'	A007D'	42	72	72	72
2590	A007	'	A007D'	55	18	18	0
3180	A007	'	A007D'	71	18	18	0
3440	A007	'	A007D'	78	24	24	0
4070	A007	'	A007D'	95	18	18	0
4780	A007	'	A007D'	121	18	18	0
4910	A007	'	A007D'	127	18	18	0
5020	A007	'	A007D'	134	18	18	0
5190	A007	'	A007D'	139	18	18	0
5200	A007	'	A007D'	140	18	18	0
5320	A007	'	A007D'	145	18	18	0
5360	A007	'	A007D'	147	36	36	0
5380	A007	'	A007D'	148	18	18	0
1240	A010	'	A010A'	8	18	18	0
1380	A010	'	A010A'	14	18	18	0
1650	A010	'	A010A'	28	76	76	76
1940	A010	'	A010A'	36	4	4	0
2300	A010	'	A010A'	44	1	1	0
2480	A010	'	A010A'	51	15	15	0
2700	A010	'	A010A'	59	18	18	0
4260	A010	'	A010A'	104	72	72	72
4360	A010	'	A010A'	107	14	14	14
5810	A010	'	A010A'	163	78	78	78
1220	A037	'	0A037B'	7	24	24	0
1620	A037	'	0A037B'	26	18	18	0
1900	A037	'	0A037B'	36	4	4	0
2570	A037	'	0A037B'	54	18	18	0
2680	A037	'	0A037B'	58	24	24	0
4400	A037	'	0A037B'	108	18	18	0
5510	A037	'	0A037B'	153	9	9	0
5780	A037	'	0A037B'	161	24	24	0
1050	B052	'	B052D'	4	14	14	14
1460	B052	'	B052D'	19	33	33	33
1760	B052	'	B052D'	34	14	14	14
2720	B052	'	B052D'	61	1	1	0
3800	B052	'	B052D'	89	14	14	14
1210	B052	'	B052G'	7	30	30	30
1340	B052	'	B052G'	12	16	16	16
1490	B052	'	B052G'	20	12	12	12
1950	B052	'	B052G'	36	4	4	0
2280	B052	'	B052G'	43	16	16	16
2620	B052	'	B052G'	57	16	16	16
3850	B052	'	B052G'	90	15	15	15
4940	B052	'	B052G'	128	15	15	15
5110	B052	'	B052G'	135	15	15	15
5770	B052	'	B052G'	160	16	16	16

2190	B052	'	B052H'	40	30	30	30
2500	B052	'	B052H'	52	17	17	17
3200	B052	'	B052H'	72	20	20	20
4160	B052	'	B052H'	100	17	17	17
1800	B111	'	FB111A'	36	1	1	0
3930	B111	'	FB111A'	93	1	1	0
4650	B111	'	FB111A'	115	26	26	26
4700	B111	'	FB111A'	118	34	34	34
1010	C005	'	C005A'	2	4	4	4
1720	C005	'	C005A'	32	35	35	35
5340	C005	'	C005A'	146	35	35	35
1690	C007	'	C007A'	30	16	16	0
2470	C007	'	C007A'	51	16	16	0
2780	C007	'	C007A'	63	1	1	0
3860	C007	'	C007A'	91	16	16	0
1560	C130	'	C130A'	23	8	8	0
2410	C130	'	C130A'	49	8	8	0
2600	C130	'	C130A'	56	8	8	0
4130	C130	'	C130A'	98	8	8	0
4140	C130	'	C130A'	99	16	16	0
4320	C130	'	C130A'	106	16	16	0
4440	C130	'	C130A'	109	8	8	0
4790	C130	'	C130A'	121	8	8	0
4950	C130	'	C130A'	129	8	8	0
5070	C130	'	C130A'	134	8	8	0
5650	C130	'	C130A'	159	2	2	0
2090	C130	'	AC130A'	37	10	10	10
1290	C130	'	C130B'	10	8	8	0
1550	C130	'	C130B'	22	8	8	0
1600	C130	'	C130B'	25	8	8	0
1710	C130	'	C130B'	31	8	8	0
1780	C130	'	C130B'	35	8	8	0
2810	C130	'	C130B'	63	9	9	0
3310	C130	'	C130B'	75	16	16	0
3780	C130	'	C130B'	88	8	8	0
5440	C130	'	C130B'	150	8	8	0
5520	C130	'	C130B'	154	8	8	0
4980	C130	'	C130D'	132	8	8	0
1000	C130	'	C130E'	1	8	8	0
1040	C130	'	C130E'	3	8	8	0
1130	C130	'	C130E'	5	8	8	0
2240	C130	'	C130E'	41	10	10	10
2710	C130	'	C130E'	60	8	8	0
2900	C130	'	C130E'	64	1	1	0
3240	C130	'	C130E'	73	8	8	0
3270	C130	'	C130E'	74	6	6	6
3600	C130	'	C130E'	83	58	58	58
3890	C130	'	C130E'	92	16	16	16
4720	C130	'	C130E'	119	48	48	48
4880	C130	'	C130E'	126	16	16	0
4970	C130	'	C130E'	131	8	8	0
5430	C130	'	C130E'	150	8	8	0
5610	C130	'	C130E'	158	8	8	0



5950	C130	'	C130E'	165	16	16	16
6250	C130	'	C130E'	176	19	19	19
6390	C130	'	C130E'	182	16	16	16
3110	C130	'	MC130E'	68	5	5	5
5740	C130	'	MC130E'	159	1	1	0
6040	C130	'	MC130E'	170	4	4	4
6260	C130	'	MC130E'	176	4	4	4
1070	C130	'	MC130E'	4	3	3	3
3260	C130	'	MC130E'	74	3	3	3
1770	C130	'	C130H'	34	48	48	48
3610	C130	'	C130H'	83	13	13	13
5550	C130	'	C130H'	156	8	8	0
3080	C130	'	AC130H'	68	10	10	10
2910	C130	'	DC130H'	64	1	1	0
2820	C130	'	HC130H'	63	6	6	0
2920	C130	'	HC130H'	64	1	1	0
3030	C130	'	HC130H'	66	2	2	0
3410	C130	'	HC130H'	78	5	5	5
3810	C130	'	HC130H'	89	6	6	0
3980	C130	'	HC130H'	93	3	3	3
4210	C130	'	HC130H'	101	4	4	0
5050	C130	'	HC130H'	134	2	2	0
5270	C130	'	HC130H'	143	4	4	0
5830	C130	'	HC130H'	163	1	1	1
6100	C130	'	HC130H'	170	2	2	2
3250	C130	'	MC130H'	74	11	11	4
3040	C130	'	HC130N'	66	2	2	0
3970	C130	'	HC130N'	93	1	1	1
5060	C130	'	HC130N'	134	2	2	0
5820	C130	'	HC130N'	163	4	4	4
6090	C130	'	HC130N'	170	2	2	2
1670	C131	'	C131B'	29	1	1	0
2130	C131	'	C131B'	39	1	1	0
2310	C131	'	C131B'	45	1	1	0
3430	C131	'	C131B'	78	1	1	0
4730	C131	'	C131B'	120	1	1	0
5370	C131	'	C131B'	147	1	1	0
1310	C131	'	C131D'	11	1	1	0
1350	C131	'	C131D'	13	1	1	0
1390	C131	'	C131D'	15	1	1	0
2330	C131	'	C131D'	46	1	1	0
2380	C131	'	C131D'	48	1	1	0
2520	C131	'	C131D'	53	1	1	0
2730	C131	'	C131D'	62	1	1	0
3130	C131	'	C131D'	70	1	1	0
3170	C131	'	C131D'	71	1	1	0
3570	C131	'	C131D'	82	1	1	0
4060	C131	'	C131D'	95	1	1	0
4280	C131	'	C131D'	105	1	1	0
4410	C131	'	C131D'	108	1	1	0
4570	C131	'	C131D'	113	1	1	0
4850	C131	'	C131D'	124	1	1	0
5010	C131	'	C131D'	134	1	1	0

5250	C131	'	C131D'	142	1	1	0
5490	C131	'	C131D'	153	1	1	0
5620	C131	'	C131D'	158	18	18	0
1370	C131	'	C131E'	14	1	1	0
1610	C131	'	C131E'	26	1	1	0
2560	C131	'	C131E'	54	1	1	0
4770	C131	'	C131E'	121	1	1	0
4900	C131	'	C131E'	127	1	1	0
4500	C135	'	C135A'	111	1	1	1
5660	C135	'	C135A'	159	2	2	0
2160	C135	'	EC135A'	40	8	8	8
2660	C135	'	EC135A'	58	1	1	1
3470	C135	'	EC135A'	80	3	3	3
5310	C135	'	EC135A'	144	2	2	2
5750	C135	'	EC135A'	159	6	6	0
6150	C135	'	EC135A'	173	3	3	3
1030	C135	'	KC135A'	2	19	19	19
1060	C135	'	KC135A'	4	6	6	6
1190	C135	'	KC135A'	6	8	8	0
1200	C135	'	KC135A'	7	19	19	19
1250	C135	'	KC135A'	9	30	30	30
1330	C135	'	KC135A'	12	14	14	14
1450	C135	'	KC135A'	19	16	16	16
1480	C135	'	KC135A'	20	41	41	41
1570	C135	'	KC135A'	23	8	8	0
1750	C135	'	KC135A'	34	16	16	16
2120	C135	'	KC135A'	38	8	8	8
2180	C135	'	KC135A'	40	10	10	10
2260	C135	'	KC135A'	43	37	37	29
2320	C135	'	KC135A'	45	8	8	0
2400	C135	'	KC135A'	49	8	8	0
2490	C135	'	KC135A'	52	20	20	20
2580	C135	'	KC135A'	55	8	8	0
2610	C135	'	KC135A'	57	16	16	16
2670	C135	'	KC135A'	58	45	45	37
3190	C135	'	KC135A'	72	20	20	20
3620	C135	'	KC135A'	83	8	8	0
3630	C135	'	KC135A'	84	20	20	20
3790	C135	'	KC135A'	89	21	21	13
3840	C135	'	KC135A'	90	21	21	13
4040	C135	'	KC135A'	94	19	19	19
4080	C135	'	KC135A'	96	8	8	0
4120	C135	'	KC135A'	97	8	8	0
4150	C135	'	KC135A'	100	20	20	20
4640	C135	'	KC135A'	115	20	20	12
4680	C135	'	KC135A'	117	8	8	0
4690	C135	'	KC135A'	118	30	30	30
4890	C135	'	KC135A'	127	23	23	15
4930	C135	'	KC135A'	128	14	14	14
4960	C135	'	KC135A'	130	8	8	0
5100	C135	'	KC135A'	135	14	14	14
5350	C135	'	KC135A'	146	19	19	19
5720	C135	'	KC135A'	159	11	11	0

5760	C135	'	KC135A'	160	16	16	16
6120	C135	'	KC135A'	170	15	15	15
1110	C135	'	C135B'	5	2	2	2
4490	C135	'	C135B'	111	2	2	2
5670	C135	'	C135B'	159	5	5	0
6220	C135	'	C135B'	175	1	1	1
1170	C135	'	WC135B'	5	1	1	0
2800	C135	'	WC135B'	63	2	2	2
4000	C135	'	WC135B'	93	5	5	5
2170	C135	'	EC135C'	40	4	4	4
2770	C135	'	EC135C'	63	3	3	3
4520	C135	'	EC135C'	111	9	9	9
2110	C135	'	RC135S'	38	2	2	2
5160	C135	'	RC135S'	137	2	2	2
4530	C135	'	RC135U'	111	2	2	2
4540	C135	'	RC135V'	111	12	12	12
1120	C140	'	C140A'	5	6	6	6
5000	C140	'	C140A'	133	4	4	0
6230	C140	'	C140A'	175	5	5	5
1020	C141	'	C141A'	2	16	16	16
1530	C141	'	C141A'	21	54	54	54
3880	C141	'	C141A'	92	36	36	36
4090	C141	'	C141A'	97	36	36	36
4480	C141	'	C141A'	110	54	54	54
5330	C141	'	C141A'	146	36	36	36
5680	C141	'	C141A'	159	4	4	0
5300	E003	'	E003A'	144	19	19	19
4510	E004	'	E004A'	111	4	4	4
1440	F004	'	F004C'	18	24	24	0
1920	F004	'	F004C'	36	4	4	0
2040	F004	'	F004C'	37	5	5	0
2370	F004	'	F004C'	47	18	18	0
2390	F004	'	F004C'	48	18	18	0
2790	F004	'	F004C'	63	24	24	0
2840	F004	'	F004C'	64	1	1	0
3050	F004	'	F004C'	66	18	18	0
3070	F004	'	F004C'	67	18	18	0
3320	F004	'	F004C'	75	18	18	0
3460	F004	'	F004C'	79	18	18	0
3680	F004	'	F004C'	85	55	55	55
4420	F004	'	F004C'	108	18	18	0
5040	F004	'	F004C'	134	18	18	0
5090	F004	'	F004C'	135	2	2	0
5210	F004	'	F004C'	141	1	1	0
1280	F004	'	RF004C'	10	36	36	36
1320	F004	'	RF004C'	11	18	18	0
1360	F004	'	RF004C'	13	18	18	0
1630	F004	'	RF004C'	27	18	18	0
1740	F004	'	RF004C'	33	18	18	0
1930	F004	'	RF004C'	36	4	4	0
2020	F004	'	RF004C'	37	2	2	0
2860	F004	'	RF004C'	64	1	1	0
3330	F004	'	RF004C'	76	18	18	0

3580	F004	'	RF004C'	82	18	18	0
4860	F004	'	RF004C'	124	18	18	0
5140	F004	'	RF004C'	136	78	78	78
5220	F004	'	RF004C'	141	1	1	0
5260	F004	'	RF004C'	142	18	18	0
5800	F004	'	RF004C'	162	18	18	18
6080	F004	'	RF004C'	170	18	18	18
6400	F004	'	RF004C'	183	18	18	18
2050	F004	'	F004D'	37	9	9	0
2750	F004	'	F004D'	62	18	18	0
2850	F004	'	F004D'	64	3	3	2
3010	F004	'	F004D'	66	57	57	57
3740	F004	'	F004D'	86	72	72	72
4050	F004	'	F004D'	94	27	27	0
4330	F004	'	F004D'	107	60	60	60
6070	F004	'	F004D'	170	18	18	18
6130	F004	'	F004D'	171	36	36	36
6300	F004	'	F004D'	178	24	24	24
6330	F004	'	F004D'	179	12	12	12
6340	F004	'	F004D'	180	54	54	54
1810	F004	'	F004E'	36	11	11	0
2010	F004	'	F004E'	37	8	8	6
2210	F004	'	F004E'	41	36	36	36
2420	F004	'	F004E'	50	52	52	52
2870	F004	'	F004E'	64	1	1	0
3000	F004	'	F004E'	66	36	36	36
4230	F004	'	F004E'	102	54	54	54
4370	F004	'	F004E'	107	23	23	23
5080	F004	'	F004E'	135	72	72	72
5910	F004	'	F004E'	165	36	36	36
6000	F004	'	F004E'	168	72	72	72
6170	F004	'	F004E'	174	24	24	24
6200	F004	'	F004E'	175	48	48	48
6310	F004	'	F004E'	178	24	24	24
2430	F004	'	F004G'	50	46	46	46
5920	F004	'	F004G'	165	12	12	12
6320	F004	'	F004G'	178	24	24	24
5580	F005	'	F005B'	157	9	9	9
3280	F005	'	F005E'	75	1	1	0
4350	F005	'	F005E'	107	44	44	44
5600	F005	'	F005E'	157	22	22	22
5790	F005	'	F005E'	162	18	18	18
5900	F005	'	F005E'	165	9	9	9
5980	F005	'	F005E'	167	6	6	6
5590	F005	'	F005F'	157	2	2	2
1820	F015	'	F015A'	36	4	4	0
2030	F015	'	F015A'	37	52	52	51
2970	F015	'	F015A'	65	60	60	60
3490	F015	'	F015A'	80	60	60	60
3670	F015	'	F015A'	85	68	68	68
4380	F015	'	F015A'	107	12	12	12
4920	F015	'	F015A'	128	1	1	0
5230	F015	'	F015A'	141	1	1	0

5850	F015	'	F015A'	164	66	66	66
5960	F015	'	F015A'	166	16	16	16
5990	F015	'	F015A'	167	6	6	6
6050	F015	'	F015A'	170	48	48	48
1830	F015	'	F015B'	36	1	1	0
2060	F015	'	F015B'	37	10	10	8
2980	F015	'	F015B'	65	6	6	6
3500	F015	'	F015B'	80	6	6	6
3660	F015	'	F015B'	85	26	26	26
4390	F015	'	F015B'	107	2	2	2
5240	F015	'	F015B'	141	1	1	0
5860	F015	'	F015B'	164	6	6	6
5970	F015	'	F015B'	166	2	2	2
6060	F015	'	F015B'	170	6	6	6
1880	F016	'	F016A'	36	5	5	0
2070	F016	'	F016A'	37	1	1	0
2950	F016	'	F016A'	64	31	31	31
3720	F016	'	F016A'	86	11	11	11
5730	F016	'	F016A'	159	1	1	0
1890	F016	'	F016B'	36	1	1	0
2080	F016	'	F016B'	37	1	1	0
2940	F016	'	F016B'	64	30	30	30
3730	F016	'	F016B'	86	10	10	10
2150	F101	'	F101B'	39	14	14	0
4430	F101	'	F101B'	108	2	2	0
4460	F101	'	F101B'	109	18	18	0
4750	F101	'	F101B'	120	18	18	0
5400	F101	'	F101B'	149	18	18	0
2880	F105	'	F105B'	64	18	18	0
4110	F105	'	F105B'	97	18	18	0
1150	F105	'	F105D'	5	24	24	0
1470	F105	'	F105D'	19	24	24	0
1700	F105	'	F105D'	30	18	18	0
2440	F105	'	F105D'	50	18	18	18
4870	F105	'	F105D'	125	24	24	0
5290	F105	'	F105D'	144	24	24	0
1500	F106	'	F106A'	20	16	16	0
1540	F106	'	F106A'	21	2	2	0
1660	F106	'	F106A'	28	2	2	2
2350	F106	'	F106A'	46	13	13	0
2460	F106	'	F106A'	50	2	2	0
2540	F106	'	F106A'	53	13	13	0
2630	F106	'	F106A'	57	16	16	0
3150	F106	'	F106A'	70	13	13	0
3210	F106	'	F106A'	72	16	16	0
3290	F106	'	F106A'	75	1	1	0
3340	F106	'	F106A'	77	2	2	0
3510	F106	'	F106A'	80	16	16	0
3640	F106	'	F106A'	84	2	2	0
3900	F106	'	F106A'	92	16	16	0
4170	F106	'	F106A'	100	16	16	0
4300	F106	'	F106A'	105	13	13	0
4590	F106	'	F106A'	113	13	13	0

5390	F106	'	F106A'	149	10	10	0
1510	F106	'	F106B'	20	2	2	0
2360	F106	'	F106B'	46	2	2	0
2550	F106	'	F106B'	53	2	2	0
2640	F106	'	F106B'	57	2	2	0
3160	F106	'	F106B'	70	2	2	0
3220	F106	'	F106B'	72	2	2	0
3300	F106	'	F106B'	75	1	1	0
3520	F106	'	F106B'	80	2	2	0
3910	F106	'	F106B'	92	2	2	0
4180	F106	'	F106B'	100	2	2	0
4310	F106	'	F106B'	105	2	2	0
4600	F106	'	F106B'	113	2	2	0
5410	F106	'	F106B'	149	14	14	0
1840	F111	'	F111A'	36	2	2	0
2000	F111	'	F111A'	37	2	2	0
4240	F111	'	F111A'	103	84	84	84
1430	F111	'	F111D'	17	72	72	72
1850	F111	'	F111D'	36	3	3	0
3940	F111	'	F111D'	93	1	1	0
1860	F111	'	F111E'	36	1	1	0
1970	F111	'	F111E'	37	2	2	0
4030	F111	'	F111E'	93	3	3	3
6350	F111	'	F111E'	181	72	72	72
4020	F111	'	F111F'	93	3	3	3
6140	F111	'	F111F'	172	84	84	84
2200	H001	'	TH001F'	40	2	2	2
2510	H001	'	TH001F'	52	1	1	1
3350	H001	'	TH001F'	78	4	4	4
3770	H001	'	TH001F'	87	2	2	2
4200	H001	'	TH001F'	100	2	2	2
5540	H001	'	TH001F'	155	3	3	3
3590	H001	'	HH001H'	83	3	3	3
4760	H001	'	HH001H'	120	5	5	0
1090	H001	'	UH001N'	5	9	9	9
1870	H001	'	UH001N'	36	2	2	0
1980	H001	'	UH001N'	37	2	2	0
2290	H001	'	UH001N'	43	4	4	4
2890	H001	'	UH001N'	64	4	4	4
2990	H001	'	UH001N'	65	2	2	2
3060	H001	'	UH001N'	66	3	3	3
3090	H001	'	UH001N'	68	6	6	6
3120	H001	'	UH001N'	69	5	5	5
3360	H001	'	UH001N'	78	6	6	6
3750	H001	'	UH001N'	86	2	2	2
4250	H001	'	UH001N'	103	3	3	3
4710	H001	'	UH001N'	118	2	2	2
5470	H001	'	UH001N'	152	3	3	3
6010	H001	'	UH001N'	169	4	4	4
6210	H001	'	UH001N'	175	4	4	4
6370	H001	'	UH001N'	182	2	2	2
2450	H001	'	UH001P'	50	2	2	2
3480	H001	'	UH001P'	80	2	2	2

3650	H001	'	UH001P'	85	2	2	2
3710	H001	'	UH001P'	86	2	2	2
1100	H003	'	CH003E'	5	3	3	3
3100	H003	'	CH003E'	68	4	4	4
3370	H003	'	CH003E'	78	5	5	5
3700	H003	'	CH003E'	85	6	6	0
4610	H003	'	CH003E'	114	2	2	2
5120	H003	'	CH003E'	136	4	4	4
5690	H003	'	CH003E'	159	1	1	0
5930	H003	'	CH003E'	165	2	2	2
6190	H003	'	CH003E'	174	1	1	1
2230	H003	'	HH003E'	41	6	6	6
3020	H003	'	HH003E'	66	4	4	0
3380	H003	'	HH003E'	78	3	3	3
4220	H003	'	HH003E'	101	6	6	0
4270	H003	'	HH003E'	104	3	3	3
5280	H003	'	HH003E'	143	6	6	0
5940	H003	'	HH003E'	165	3	3	3
6180	H003	'	HH003E'	174	3	3	3
3390	H053	'	HH053B'	78	5	5	5
1270	H053	'	CH053C'	10	4	4	4
6290	H053	'	CH053C'	177	7	7	0
2830	H053	'	HH053C'	63	6	6	0
2930	H053	'	HH053C'	64	2	2	0
3400	H053	'	HH053C'	78	3	3	3
3990	H053	'	HH053C'	93	5	5	5
5840	H053	'	HH053C'	163	8	8	8
6110	H053	'	HH053C'	170	5	5	5
1640	0002	'	0002A'	28	24	24	24
2100	0002	'	0002A'	38	7	7	7
4560	0002	'	0002A'	112	18	18	0
4630	0002	'	0002A'	114	19	19	19
5130	0002	'	0002A'	136	33	33	33
5480	0002	'	0002A'	152	18	18	0
5500	0002	'	0002A'	153	9	9	0
5530	0002	'	0002A'	155	9	9	9
5630	0002	'	0002A'	158	18	18	0
6020	0002	'	0002A'	169	6	6	6
1140	T033	'	T033A'	5	4	4	0
1420	T033	'	T033A'	16	5	5	0
1520	T033	'	T033A'	20	3	3	0
1730	T033	'	T033A'	33	5	5	0
2140	T033	'	T033A'	39	2	2	0
2220	T033	'	T033A'	41	14	14	14
2340	T033	'	T033A'	46	3	3	0
2530	T033	'	T033A'	53	2	2	0
2650	T033	'	T033A'	57	3	3	0
2690	T033	'	T033A'	59	3	3	0
2740	T033	'	T033A'	62	2	2	0
2760	T033	'	T033A'	63	7	7	7
3140	T033	'	T033A'	70	3	3	0
3230	T033	'	T033A'	72	3	3	0
3450	T033	'	T033A'	79	4	4	0

3530	T033	'	T033A'	80	5	5	0
3690	T033	'	T033A'	85	3	3	0
3760	T033	'	T033A'	87	3	3	0
3920	T033	'	T033A'	92	5	5	0
3950	T033	'	T033A'	93	1	1	0
4100	T033	'	T033A'	97	2	2	0
4190	T033	'	T033A'	100	3	3	0
4290	T033	'	T033A'	105	2	2	0
4450	T033	'	T033A'	109	2	2	0
4580	T033	'	T033A'	113	2	2	0
4660	T033	'	T033A'	116	9	9	0
4740	T033	'	T033A'	120	3	3	0
5030	T033	'	T033A'	134	2	2	0
5420	T033	'	T033A'	149	5	5	0
5870	T033	'	T033A'	165	5	5	5
1580	T037	'	T037B'	24	33	33	0
3550	T037	'	T037B'	81	70	70	0
3820	T037	'	T037B'	90	24	24	0
4810	T037	'	T037B'	122	38	38	0
4830	T037	'	T037B'	123	64	64	0
5170	T037	'	T037B'	138	66	66	0
5450	T037	'	T037B'	151	64	64	0
5560	T037	'	T037B'	157	70	70	0
5700	T037	'	T037B'	159	1	1	0
1260	T038	'	T038A'	9	17	17	17
1590	T038	'	T038A'	24	92	92	0
1910	T038	'	T038A'	36	19	19	0
1990	T038	'	T038A'	37	9	9	0
2270	T038	'	T038A'	43	5	5	5
2960	T038	'	T038A'	65	132	132	132
3560	T038	'	T038A'	81	100	100	0
3960	T038	'	T038A'	93	3	3	0
4340	T038	'	T038A'	107	8	8	8
4800	T038	'	T038A'	122	58	58	0
4840	T038	'	T038A'	123	107	107	0
5180	T038	'	T038A'	138	39	39	0
5460	T038	'	T038A'	151	83	83	0
5570	T038	'	T038A'	157	94	94	0
5890	T038	'	T038A'	165	4	4	4
1180	T039	'	T039A'	5	1	1	0
3540	T039	'	T039A'	80	13	13	13
5710	T039	'	T039A'	159	7	7	0
6270	T039	'	T039A'	176	1	1	0
6380	T039	'	T039A'	182	1	1	0
1080	T039	'	CT039A'	5	10	10	10
1230	T039	'	CT039A'	7	4	4	4
1300	T039	'	CT039A'	10	4	4	4
3420	T039	'	CT039A'	78	5	5	5
3870	T039	'	CT039A'	91	4	4	4
4010	T039	'	CT039A'	93	5	5	5
4470	T039	'	CT039A'	110	6	6	6
4550	T039	'	CT039A'	111	12	12	12
4670	T039	'	CT039A'	116	5	5	5



4820	T039	' CT039A'	122	8	8	8
4990	T039	' CT039A'	133	10	10	10
5150	T039	' CT039A'	136	4	4	4
5640	T039	' CT039A'	159	9	9	9
5880	T039	' CT039A'	165	2	2	2
6030	T039	' CT039A'	170	2	2	2
6240	T039	' CT039A'	175	6	6	6
6360	T039	' CT039A'	182	3	3	3
1160	T043	' T043A'	5	4	4	0
1410	T043	' T043A'	15	2	2	0
3830	T043	' T043A'	90	12	12	0
4620	V010	' OV010A'	114	16	16	16
6160	V010	' OV010A'	174	16	16	16
6280	V010	' OV010A'	177	45	45	0

APPENDIX D  
SAMPLE BASE LIST

SYSTEM ?LIST LA61A/STARS/COMMON/DM/PDSOURCE

- 1 ALLEN C. THOMPSON
- 2 ALTUS AFB
- 3 ANCHORAGE/IAP
- 4 ANDERSON AFB
- 5 ANDREWS AFB
- 6 BANGOR IAP
- 7 BARKSDALE AFB
- 8 BAINES MPT
- 9 BEALE AFB
- 10 BERGSTROM AFB
- 11 BIRMINGHAM MPT
- 12 BLYTHEVILLE AFB
- 13 BOISE
- 14 BRADLEY
- 15 BUCKLY
- 16 BURLINGTON
- 17 CANNON AFB
- 18 CAPITOL
- 19 CARSMELL AFB
- 20 CASTLE AFB
- 21 CHARLESTON AFB
- 22 CHEYENNE
- 23 CHICAGO
- 24 COLOMBUS
- 25 DALLAS
- 26 DANE CO.
- 27 DONNELLY
- 28 DAVIS MONTHAN AFB
- 29 DES MOINES
- 30 DOBBINS AFB
- 31 DOUGLAS
- 32 DOVER AFB
- 33 DULUTH
- 34 DYESS AFB
- 35 E WVA
- 36 EDWARDS AFB
- 37 EGLIN AFB
- 38 EIELSON AFB
- 39 ELLINGTON AFB
- 40 ELLSWORTH AFB
- 41 ELMENDORF AFB
- 42 ENGLAND AFB
- 43 FAIRCHILD AFB
- 44 FARMINGDALE
- 45 FORBES
- 46 FRESNO
- 47 FT SMITH
- 48 FT WAYNE
- 49 GEN. B MITCHELL
- 50 GEORGE AFB

51 GLENN MARTIN  
52 GRAND FORKS AFB  
53 GREAT FALLS  
54 GREATER PEORIA  
55 GREATER PITTS  
56 GREATER WILMINGTON  
57 GRIFFISS AFB  
58 GRISSOM AFB  
59 HANCOCK  
60 HARRISBURG  
61 HARTFORD  
62 HECTOR FIELD  
63 HICKAM AFB  
64 HILL AFB  
65 HOLLAMAN AFB  
66 HOMESTEAD AFB  
67 HULMAN  
68 HURLBURT  
69 INDIAN SPRINGS  
70 JACKSONVILLE  
71 JOE FOSS  
72 K I SAWYER AFB  
73 KANAWHA  
74 KEESLER AFB  
75 KELLY AFB  
76 KEY FIELD  
77 KINGSLEY  
78 KIRTLAND AFB  
79 LAMBERT  
80 LANGLEY AFB  
81 LAUGHLIN AFB  
82 LINCOLN  
83 LITTLE ROCK AFB  
84 LORING AFB  
85 LUKE AFB  
86 MAC DILL AFB  
87 MALMSTROM AFB  
88 MANSFIELD  
89 MARCH AFB  
90 MATHER AFB  
91 MAXWELL AFB  
92 MC CHORD AFB  
93 MC CLELLAN AFB  
94 MC CONNELL AFB  
95 MC ENTIRE  
96 MC GHEE/TYSON  
97 MC GUIRE AFB  
98 MEMPHIS  
99 MINN/ST PAUL  
100 MINOT AFB  
101 MOFFETT FIELD  
102 MOODY AFB  
103 MT HOME AFB

104 MYRTLE BEACH AFB  
105 NAFEC  
106 NASHVILLE  
107 NELLIS AFB  
108 NEW ORLEANS  
109 NIAGARA FALLS  
110 NORTON AFB  
111 OFFUTT AFB  
112 ONTARIO  
113 OTIS  
114 PATRIK AFB  
115 PEASE AFB  
116 PETERSON AFB  
117 PHOENIX  
118 PLATTSBURGH  
119 POPE AFB  
120 PORTLAND  
121 PUERTO RICO  
122 RANDOLPH AFB  
123 REESE AFB  
124 RENO  
125 RICHARD E BYRD  
126 RICHARDS GEBBUR AFB  
127 RICKENBOCKER AFB  
128 ROBINS AFB  
129 ROSECRANS  
130 SALT LAKE CITY  
131 SAVANNAH  
132 SCHENECTADY  
133 SCOTT AFB  
134 SELFRIDGE  
135 SEYMOUR JOHNSON AFB  
136 SHAW AFB  
137 SHEMA AFB  
138 SHEPPARD AFB  
139 SIOUX CITY  
140 SPRINGFIELD  
141 ST LOUIS  
142 STANDIFORD  
143 SUFFOLK CO.  
144 TINKER AFB  
145 TOLEDO EXPRESS  
146 TRAVIS AFB  
147 TUCSON  
148 TULSA  
149 TYNDALL AFB  
150 VAN NUYS  
151 VANCE AFB  
152 VANTZBERG AFB  
153 WESTCHESTER CO.  
154 WESTOVER AFB  
155 WHEELER AFB  
156 WILL RODGERS

157 WILLIAMS AFB  
158 WILLOW GROVE  
159 WRIGHT PATTERSON AFB  
160 WURTSMITH AFB  
161 YOUNGSTOWN  
162 ALCONBERRY  
163 BENTWATERS/WOODBRIDGE  
164 BITBURG  
165 CLARK  
166 C P NEW AMSTERDAM  
167 DECKMANN  
168 HAHN  
169 HOWARD  
170 KADENA  
171 KUNSAN  
172 LAKENHEATH  
173 MILDENHALL  
174 OSAN  
175 RAMSTEIN  
176 RHEIN MAIN  
177 SEMBACH  
178 SPANGDAHEM  
179 TALGER  
180 TARRERON  
181 UPPER HEYFORD  
182 YOKOTA  
183 ZWEIBRUCKEN

APPENDIX E  
SOURCE CODE OF THE DISTRIBUTION MODEL

SYSTEM ?LIST LA61A/STARS/SOURCE/DM/PICND01

```
1000C ** ** PICND 1/18/79 FOR DISTRIBUTION MOD-METRIC
1010     SUBROUTINE PICND
1020     COMMON/GENERAL/DEBUG,NSNOUT,S
1030     CHARACTER NSNOUT*18
1040     INTEGER S
1050     LOGICAL DEBUG
1060C-----
1070     COMMON/DEBOBLK/CUTOFF,DEBO(2000),DPIPE,DEBOCNT,INDXDBO,LUMPD
1080     &,MXNUMDEP,MXTOTDEP,NTOTDEP,OIMRTO
1090     INTEGER DEBOCNT
1100C-----
1110     COMMON/EROBLK/BRCRQ,BSHARE(257),COTAIL(257),EBO(257),KBASES
1120     &,NBASES,NLRUS(257),OSTRQ,PIPE(257),SRUEBO(257),SYSEBO,TERM(257)
1130     &,PIPMIN(257)
1140C-----
1150     COMMON/PICBLK/BEBOMIN(257),EBOMIN,NLRMIN(257)
1160C-----
1170     INTEGER DELTND
1180C-----
1190     INTEGER NEXT2(4),NEXT3(8),NEXT4(16),NEXT5(32),NEXT6(64)
1200     INTEGER NEXT7(128),JWIN1(2),JWIN2(4),JWIN3(8),JWIN4(16),JWIN5(32)
1210     INTEGER JWIN6(64),JLOSE1(2),JLOSE2(4),JLOSE3(8),JLOSE4(16)
1220     INTEGER JLOSE5(32),JLOSE6(64)
1230     INTEGER JWIN7(128),JLOSE7(128),NEXT8(256)
1240C-----
1250C----- THIS SUBROUTINE SEARCHES FOR THE ND (# OF DEPOT SPARES) WHICH
1260C----- GIVES THE LOWEST EBO (FOR A GIVEN S). S IS THE TOTAL # OF SPARES
1270C----- WORLDWIDE.
1280     ASSIGN 2000 TO LINEBO
1290     IF(NBASES-2)5,,
1300     ASSIGN 3000 TO LINEBO
1310     IF(NBASES-5)5,,
1320     IF(S-1)5,,
1330     ASSIGN 4000 TO LINEBO
1340     IF(NBASES-40)5,,
1350     ASSIGN 5000 TO LINEBO
1360     5 NDWIN=0
1370     ND=0
1380     ASSIGN 10 TO LINEPK
1390     GO TO 1000
1400C----- SAVE DATA FOR THIS CURRENT BEST CHOICE
1410     10 DO 20 I=1,KBASES
1420     NLRMIN(I)=NLRUS(I)
1430     BEBOMIN(I)=EBO(I)
1440     PIPMIN(I)=PIPE(I)
1450     20 CONTINUE
1460     EBOMIN=SYSEBO
1470     EBOSAVE=SYSEBO
1480     DELTND=(DEBOCNT+LUMPD-1)/2
1490     ASSIGN 25 TO LINEPK
```



```

1500      ND=DELTND
1510      GO TO 1000
1520      25 IF(SYSEBO.GE.EBOMIN)GO TO 200
1530C—— SAVE DATA FOR THIS CURRENT BEST CHOICE
1540      DO 30 I=1,KBASES
1550      NLRMIN(I)=NLRUS(I)
1560      BEBOMIN(I)=EBO(I)
1570      PIPMIN(I)=PIPE(I)
1580      30 CONTINUE
1590      EBOMIN=SYSEBO
1600      NDWIN=ND
1610      ND=DEBOCNT+LUMPD-2
1620      ASSIGN 35 TO LINEPK
1630      GO TO 1000
1640      35 IF(SYSEBO-EBOMIN)37,,
1650      IF(EBOSAVE-SYSEBO)100,,
1660      GO TO 200
1670C—— SAVE DATA FOR THIS CURRENT BEST CHOICE
1680      37 DO 40 I=1,KBASES
1690      NLRMIN(I)=NLRUS(I)
1700      BEBOMIN(I)=EBO(I)
1710      PIPMIN(I)=PIPE(I)
1720      40 CONTINUE
1730      EBOMIN=SYSEBO
1740      NDWIN=ND
1750C——
1760C—— LOWSIDE  CHECKS FOR NEXT BEST CHOICE ON THE LOW SIDE OF CURRENT
1770C——  BEST CHOICE FIRST.
1780      100 IF(DELTND.EQ.1)RETURN
1790      DELTND=.6+DELTND/2.
1800      ND=NDWIN-DELTND
1810      ASSIGN 110 TO LINEPK
1820      GO TO 1000
1830      110 IF(EBOMIN-SYSEBO)130,,
1840C—— SAVE DATA FOR THIS CURRENT BEST CHOICE
1850      DO 120 I=1,KBASES
1860      NLRMIN(I)=NLRUS(I)
1870      BEBOMIN(I)=EBO(I)
1880      PIPMIN(I)=PIPE(I)
1890      120 CONTINUE
1900      EBOMIN=SYSEBO
1910      NDWIN=ND
1920      GO TO 200
1930C—— LOW SIDE WASN'T BETTER, TRY HIGH SIDE (IF POSSIBLE).
1940      130 IF(LUMPD+DEBOCNT-NDWIN-DELTND-3)100,,
1950      EBOSAVE=SYSEBO
1960      ASSIGN 140 TO LINEPK
1970      ND=NDWIN+DELTND
1980      GO TO 1000
1990      140 IF(SYSEBO-EBOMIN)170,,
2000      IF(EBOSAVE-SYSEBO)100,,
2010      GO TO 200
2020C—— SAVE DATA FOR THIS CURRENT BEST CHOICE

```

```

2030 170 DO 180 I=1,KBASES
2040     NLRMIN(I)=NLRUS(I)
2050     BEBOMIN(I)=EBO(I)
2060     PIPMIN(I)=PIPE(I)
2070 180 CONTINUE
2080     EBOMIN=SYSEBO
2090     NDWIN=ND
2100     GO TO 100
2110C-----
2120C----- HIGHSIDE CHECKS FOR THE NEXT BEST CHOICE ON THE HIGH SIDE OF
2130C----- THE CURRENT BEST CHOICE FIRST.
2140 200 IF(DELTD.EQ.1)RETURN
2150     DELTD=.6+DELTD/2.
2160     ASSIGN 210 TO LINEPK
2170     ND=NDWIN+DELTD
2180     GO TO 1000
2190 210 IF(EBOMIN-SYSEBO)230.,
2200C----- SAVE DATA FOR THIS CURRENT BEST CHOICE
2210     DO 220 I=1,KBASES
2220     NLRMIN(I)=NLRUS(I)
2230     BEBOMIN(I)=EBO(I)
2240     PIPMIN(I)=PIPE(I)
2250 220 CONTINUE
2260     EBOMIN=SYSEBO
2270     NDWIN=ND
2280     GO TO 100
2290C----- HIGH SIDE WASN'T BETTER, TRY LOW SIDE (IF POSSIBLE).
2300 230 IF(NDWIN.LE.DELTD)GO TO 200
2310     EBOSAVE=SYSEBO
2320     ASSIGN 240 TO LINEPK
2330     ND=NDWIN-DELTD
2340     GO TO 1000
2350 240 IF(SYSEBO-EBOMIN)270.,
2360     IF(EBOSAVE-SYSEBO)200.,
2370     GO TO 100
2380C----- SAVE DATA FOR THIS CURRENT BEST CHOICE
2390 270 DO 280 I=1,KBASES
2400     NLRMIN(I)=NLRUS(I)
2410     BEBOMIN(I)=EBO(I)
2420     PIPMIN(I)=PIPE(I)
2430 280 CONTINUE
2440     EBOMIN=SYSEBO
2450     NDWIN=ND
2460     GO TO 200
2470C*****
2480C ** ** EBOCMP 5/16/79 FOR DISTRIBUTION MOD-METRIC
2490C-----
2500C----- GIVEN A TOTAL # OF SPARES WORLDWIDE (S) AND THE # OF SPARES
2510C----- AT THE DEPOT (ND), THIS SUBROUTINE WILL ALLOCATE THE REMAINING
2520C----- SPARES OPTIMALLY AMONG THE BASES AND COMPUTE THE EBO AT EACH
2530C----- BASE AND THE TOTAL EBO.
2540C----- BSHARE(J) IS THE PERCENTAGE OF THE TOTAL PIPELINE PRORATED TO
2550C----- BASE (J-1)

```

```

2560C—— COTAIL(J) IS THE EBO REDUCTION FOR THE NEXT SPARE AT BASE (J-1)
2570C—— EBO(J) IS THE EBO AT BASE (J-1) AT THE CURRENT SPARES LEVEL
2580C—— NLRS(J) IS THE CURRENT SPARES LEVEL AT BASE (J-1)
2590C—— PIPE(J) IS THE RESUPPLY PIPELINE AT BASE (J-1)
2600C—— TERM(J) IS THE PROB. THAT THE # IN RESUPPLY AT BASE (J-1)=NLRS(J)
2610C—— J=1 IS THE DEPOT (FORTRAN DOESN'T ALLOW A ZERO SUBSCRIPT)
2620 1000 NLRS(1)=ND
2630     DEPEBO=DEBO(1)-ND
2640     IF(ND.GE.LUMPD)DEPEBO=DEBO(ND-LUMPD+2)
2650     EBO(1)=DEPEBO
2660     NLEFT=S-ND
2670C—— SET UP EACH BASE FOR DISTRIBUTION COMP. COMPUTE LUMP FOR
2680C—— EACH BASE, ALLOCATE LUMP SACROSANCT, AND INITIALIZE ARRAYS.
2690     DO 1200 J=2,KBASES
2700     BPIPE=BSHARE(J)*(BRCRG+OSTRG+DEPEBO*OIMRTO)+SRUEBO(J)
2710     PIPE(J)=BPIPE
2720     IF(BPIPE.LT.13.)GO TO 1100
2730     LUMPB=BPIPE-3.*SQRT(BPIPE)-1
2740     TRMLOG=-BPIPE
2750     CTL=1.
2760     I=0
2770     IF(-86.-TRMLOG)1060,,
2780 1050 I=I+1
2790     TRMLOG=TRMLOG+ALOG(BPIPE/I)
2800     IF(86.+TRMLOG)1050,,
2810 1060 TRM=EXP(TRMLOG)
2820     DO 1070 I=I+1,LUMPB
2830     TRM=TRM*BPIPE/I
2840     CTL=CTL-TRM
2850 1070 CONTINUE
2860     TERM(J)=TRM
2870     COTAIL(J)=CTL
2880     NLRS(J)=LUMPB
2890     NLEFT=NLEFT-LUMPB
2900     EBO(J)=BPIPE-LUMPB
2910     GO TO 1200
2920 1100 TERM(J)=EXP(-BPIPE)
2930     COTAIL(J)=1.-TERM(J)
2940C—— TERM=P(BO=0) & COTAIL=P(BO>0)
2950     NLRS(J)=0
2960     EBO(J)=BPIPE
2970 1200 CONTINUE
2980C——
2990C——
3000C—— NOW ALLOCATE SPARES ONE AT A TIME FOR MAX EBO REDUCTION
3010     IF(NLEFT)800,550,LINEBO
3020C——
3030C—— ONE BASE ALGORITHM
3040 2000 NLRUSTOP=NLRS(2)+NLEFT
3050 2500 IF(COTAIL(2).LE.0.)GO TO 9991
3060     EBO(2)=EBO(2)-COTAIL(2)
3070     NLRS(2)=NLRS(2)+1
3080     IF(NLRS(2)-NLRUSTOP),550,

```

```

3090     TERM(2)=TERM(2)*PIPE(2)/NLRUS(2)
3100     COTAIL(2)=COTAIL(2)-TERM(2)
3110     GO TO 2500
3120C-----
3130C--- SIMPLE ALGORITHM FOR 2 TO 4 BASES.
3140 3000 DO 3500 N=1,NLEFT
3150     JBEST=2
3160     DO 3300 J=3,KBASES
3170 3300 IF(COTAIL(J).GT.COTAIL(JBEST))JBEST=J
3180     IF(COTAIL(JBEST).LE.0.)GO TO 999
3190C--- JBEST IS THE BASE WHOSE NEXT SPARE IS THE BEST NEXT CHOICE
3200C--- BUY THAT SPARE AND COMPUTE THE EBO REDUCTION FOR THE NEXT SPARE
3210C--- FIRST CREDIT THE EBO REDUCTION AND INCREMENT ASSET LEVEL
3220C--- NEXT COMPUTE P(X=NLRUS) FOR NEW ASSET LEVEL & SUBTRACT THAT FROM
3230C--- COTAIL SO THAT COTAIL BECOMES P(B0X0) FOR THE NEW ASSET LEVEL
3240     EBO(JBEST)=EBO(JBEST)-COTAIL(JBEST)
3250     NLRUS(JBEST)=NLRUS(JBEST)+1
3260     TERM(JBEST)=TERM(JBEST)*PIPE(JBEST)/NLRUS(JBEST)
3265     IF(TERM(JBEST)).999,
3270     COTAIL(JBEST)=COTAIL(JBEST)-TERM(JBEST)
3280 3500 CONTINUE
3290     GO TO 550
3300C-----
3310C--- VERSION 5 FOR 5 TO 45 BASES
3320 4000 IF(COTAIL(3)-COTAIL(2))4310,,
3330     J2=2
3340     JBEST=3
3350     GO TO 4320
3360 4310 JBEST=2
3370     J2=3
3380 4320 IF(COTAIL(4)-COTAIL(J2))4330,,
3390     IF(COTAIL(4)-COTAIL(JBEST))4325,,
3400     J3=J2
3410     J2=JBEST
3420     JBEST=4
3430     GO TO 4340
3440 4325 J3=J2
3450     J2=4
3460     GO TO 4340
3470 4330 J3=4
3480 4340 IF(COTAIL(5)-COTAIL(J3))4350,,
3490     IF(COTAIL(5)-COTAIL(J2))4346,,
3500     IF(COTAIL(5)-COTAIL(JBEST))4343,,
3510C--- 5 IS BEST SO FAR.
3520     J4=J3
3530     J3=J2
3540     J2=JBEST
3550     JBEST=5
3560     CJ4=COTAIL(J4)
3570     GO TO 4360
3580 4343 J4=J3
3590     J3=J2
3600     J2=5

```

```

3610      CJA=COTAIL(J4)
3620      GO TO 4360
3630 4346 J4=J3
3640      J3=5
3650      CJA=COTAIL(J4)
3660      GO TO 4360
3670 4350 J4=5
3680      CJA=COTAIL(5)
3690 4360 J=5
3700 4370 J=J+1
3710      IF(CJA-COTAIL(J))4380,,
3720      IF(J-KBASES)4370,4400,
3730C—— J-KBASES IS NEVER > 0
3740 4380 IF(COTAIL(J2)-COTAIL(J))4390,,
3750      IF(COTAIL(J3)-COTAIL(J))4385,,
3760      CJA=COTAIL(J)
3770      J4=J
3780      IF(J-KBASES)4370,4400,
3790C—— J-KBASES IS NEVER > 0
3800 4385 CJA=COTAIL(J3)
3810      J4=J3
3820      J3=J
3830      IF(J-KBASES)4370,4400,
3840 4390 IF(COTAIL(JBEST)-COTAIL(J))4395,,
3850      CJA=COTAIL(J3)
3860      J4=J3
3870      J3=J2
3880      J2=J
3890      IF(J-KBASES)4370,4400,
3900C—— J-KBASES IS NEVER > 0
3910 4395 CJA=COTAIL(J3)
3920      J4=J3
3930      J3=J2
3940      J2=JBEST
3950      JBEST=J
3960      IF(J-KBASES)4370,,
3970C—— NOW BUY JBEST
3980 4400 IF(COTAIL(JBEST).LE.0.)GO TO 999
3990C—— JBEST IS THE BASE WHOSE NEXT SPARE IS THE BEST NEXT CHOICE
4000C—— BUY THAT SPARE AND COMPUTE THE EBO REDUCTION FOR THE NEXT SPARE
4010C—— FIRST CREDIT THE EBO REDUCTION AND INCREMENT ASSET LEVEL
4020C—— NEXT COMPUTE P(X=NLRUS) FOR NEW ASSET LEVEL & SUBTRACT THAT FROM
4030C—— COTAIL SO THAT COTAIL BECOMES P(B0>0) FOR THE NEW ASSET LEVEL
4050      NLRUS(JBEST)=NLRUS(JBEST)+1
4060      NLEFT=NLEFT-1
4040      EBO(JBEST)=EBO(JBEST)-COTAIL(JBEST)
4045      IF(EBO(JBEST))999,,
4070      TERM(JBEST)=TERM(JBEST)*PIPE(JBEST)/NLRUS(JBEST)
4080      IF(TERM(JBEST)),999,
4090      COTAIL(JBEST)=COTAIL(JBEST)-TERM(JBEST)
4100      IF(NLEFT),550,
4110      IF(COTAIL(JBEST)-CJA)4420,,
4120      IF(COTAIL(J3)-COTAIL(JBEST))4410,,

```

```

4130      J=JBEST
4140      JBEST=J2
4150      J2=J3
4160      J3=J
4170      GO TO 4400
4180 4410 IF(COTAIL(J2)-COTAIL(JBEST))4400,,
4190      J=JBEST
4200      JBEST=J2
4210      J2=J
4220      GO TO 4400
4230C----- BUY J2 -----
4240 4420 IF(COTAIL(J2))999,,
4260      NLRS(J2)=NLRS(J2)+1
4270      NLEFT=NLEFT-1
4280      EBO(J2)=EBO(J2)-COTAIL(J2)
4290      IF(EBO(J2))999,,
4300      TERM(J2)=TERM(J2)+PIPE(J2)/NLRS(J2)
4310      COTAIL(J2)=COTAIL(J2)-TERM(J2)
4320      IF(NLEFT),550,
4330      IF(COTAIL(J2)-CJ4)4430,,
4340      IF(COTAIL(J3)-COTAIL(J2))4420,,
4350      J=J2
4360      J2=J3
4370      J3=J
4380      GO TO 4420
4380C----- BUY J3&J4 -----
4390 4430 IF(COTAIL(J3))999,,
4400      EBO(J3)=EBO(J3)-COTAIL(J3)
4410      NLRS(J3)=NLRS(J3)+1
4420      NLEFT=NLEFT-1
4430      TERM(J3)=TERM(J3)+PIPE(J3)/NLRS(J3)
4440      COTAIL(J3)=COTAIL(J3)-TERM(J3)
4450      IF(NLEFT),550,
4460      IF(CJ4)999,,
4470      EBO(J4)=EBO(J4)-CJ4
4480      NLRS(J4)=NLRS(J4)+1
4490      NLEFT=NLEFT-1
4500      TERM(J4)=TERM(J4)+PIPE(J4)/NLRS(J4)
4510      COTAIL(J4)=CJ4-TERM(J4)
4520      IF(NLEFT),550,4000
4530      GO TO 550
4580C-----
4590C----- TOURNAMENT FOR > 40 BASES
4600 5000 IF(NBASES-128)5210,5215,
4610C----- TOURNAMENT HAS 8 ROUNDS.
4620      ASSIGN 5480 TO LINETH
4630      IF(NBASES-256),5380,
4640      DO 5205 J=KBASES+1,257
4650 5205 COTAIL(J)=0.
4660      GO TO 5380
4670 5210 IF(NBASES-64)5220,5225,
4680C----- TOURNAMENT HAS 7 ROUNDS.
4690      DO 5212 J=KBASES+1,129

```

```

4700 5212 COTAIL(J)=0.
4710 5215 DO 5217 J=1,128
4720 5217 JWIN7(J)=J+1
4730     ASSIGN 5470 TO LINETH
4740     GO TO 5370
4750C—— TOURNAMENT HAS 6 ROUNDS.
4760 5220 DO 5222 J=KBASES+1,65
4770 5222 COTAIL(J)=0.
4780 5225 DO 5227 J=1,64
4790 5227 JWIN6(J)=J+1
4800     ASSIGN 5460 TO LINETH
4810     GO TO 5360
4820C—— SEMI-SEMI-SEMI-SEMI-SEMI-SEMI-FINALS. 256 TEAMS
4830C—— PLAY 123 GAMES.
4840 5380 J8=1
4850     DO 5389 J7=1,128
4860     J8=J8+2
4870     IF(COTAIL(J8)-COTAIL(J8-1))5383,,
4880C—— J8 WON. AN UPSET, J8-1 WAS A HIGHER SEED.
4890     JWIN7(J7)=J8
4900     JLOSE7(J7)=J8-1
4910     GO TO 5386
4920C—— J8-1 WON.
4930 5383 JWIN7(J7)=J8-1
4940     JLOSE7(J7)=J8
4950 5386 NEXT8(J8-1)=J7
4960     NEXT8(J8-2)=J7
4970 5389 CONTINUE
4980C—— SEMI-SEMI-SEMI-SEMI-SEMI-SEMI-FINALS. 128 TEAMS PLAY 64 GAMES.
4990 5370 J7=0
5000     DO 5379 J6=1,64
5010     J7=J7+2
5020     IF(COTAIL(JWIN7(J7))-COTAIL(JWIN7(J7-1)))5373,,
5030C—— JWIN7(J7) WON. AN UPSET, JWIN7(J7-1) WAS A HIGHER SEED.
5040     JWIN6(J6)=JWIN7(J7)
5050     JLOSE6(J6)=JWIN7(J7-1)
5060     GO TO 5376
5070C—— JWIN7(J7-1) WON.
5080 5373 JWIN6(J6)=JWIN7(J7-1)
5090     JLOSE6(J6)=JWIN7(J7-1)
5100 5376 NEXT7(J7-1)=J6
5110     NEXT7(J7)=J6
5120 5379 CONTINUE
5130C—— SEMI-SEMI-SEMI-SEMI-SEMI-FINALS. 64 TEAMS PLAY 32 GAMES.
5140 5360 J6=0
5150     DO 5369 J5=1,32
5160     J6=J6+2
5170     IF(COTAIL(JWIN6(J6))-COTAIL(JWIN6(J6-1)))5363,,
5180C—— JWIN6(J6) WON. AN UPSET, JWIN6(J6-1) WAS A HIGHER SEED.
5190     JWIN5(J5)=JWIN6(J6)
5200     JLOSE5(J5)=JWIN6(J6-1)
5210     GO TO 5366
5220C—— JWIN6(J6-1) WON.

```

```

5230 5363 JWIN5(J5)=JWIN6(J6-1)
5240 JLOSE5(J5)=JWIN6(J6)
5250 5366 NEXT6(J6-1)=J5
5260 NEXT6(J6)=J5
5270 5369 CONTINUE
5280C--- SEMI-SEMI-SEMI-SEMI-FINALS. 32 TEAMS PLAY 16 GAMES.
5290 5350 J5=0
5300 DO 5359 J4=1,16
5310 J5=J5+2
5320 IF(COTAIL(JWIN5(J5))-COTAIL(JWIN5(J5-1)))5353,,
5330C --- JWIN5(J5) WON. AN UPSET, JWIN5(J5-1) WAS SEEDED HIGHER.
5340 JWIN4(J4)=JWIN5(J5)
5350 JLOSE4(J4)=JWIN5(J5-1)
5360 GO TO 5356
5370C --- JWIN5(J5-1) WON.
5380 5353 JWIN4(J4)=JWIN5(J5-1)
5390 JLOSE4(J4)=JWIN5(J5)
5400 5356 NEXT5(J5-1)=J4
5410 NEXT5(J5)=J4
5420 5359 CONTINUE
5430C--- SEMI-SEMI-SEMI-FINALS. 16 TEAMS PLAY 8 GAMES.
5440 5340 J4=0
5450 DO 5349 J3=1,8
5460 J4=J4+2
5470 IF(COTAIL(JWIN4(J4))-COTAIL(JWIN4(J4-1)))5343,,
5480C --- JWIN4(J4) WON. AN UPSET.
5490 JWIN3(J3)=JWIN4(J4)
5500 JLOSE3(J3)=JWIN4(J4-1)
5510 GO TO 5346
5520C --- JWIN4(J4-1) WON.
5530 5343 JWIN3(J3)=JWIN4(J4-1)
5540 JLOSE3(J3)=JWIN4(J4)
5550 5346 NEXT4(J4-1)=J3
5560 NEXT4(J4)=J3
5570 5349 CONTINUE
5580C--- QUARTER FINALS. 8 TEAMS PLAY 4 GAMES.
5590 5330 J3=0
5600 DO 5339 J2=1,4
5610 J3=J3+2
5620 IF(COTAIL(JWIN3(J3))-COTAIL(JWIN3(J3-1)))5333,,
5630C --- JWIN3(J3) WON. AN UPSET.
5640 JWIN2(J2)=JWIN3(J3)
5650 JLOSE2(J2)=JWIN3(J3-1)
5660 GO TO 5336
5670C --- JWIN3(J3-1) WON.
5680 5333 JWIN2(J2)=JWIN3(J3-1)
5690 JLOSE2(J2)=JWIN3(J3)
5700 5336 NEXT3(J3-1)=J2
5710 NEXT3(J3)=J2
5720 5339 CONTINUE
5730C--- SEMI-FINALS.
5740 5320 J2=0
5750 DO 5329 J1=1,2

```



```

5760      J2=J2+2
5770      IF(COTAIL(JWIN2(J2))-COTAIL(JWIN2(J2-1)))5323,,
5780C --- JWIN2(J2) WON. AN UPSET.
5790      JWIN1(J1)=JWIN2(J2)
5800      JLOSE1(J1)=JWIN2(J2-1)
5810      GO TO 5326
5820C --- JWIN2(J2-1) WON.
5830 5323 JWIN1(J1)=JWIN2(J2-1)
5840      JLOSE1(J1)=JWIN2(J2)
5850 5326 NEXT2(J2-1)=J1
5860      NEXT2(J2)=J1
5870 5329 CONTINUE
5880C --- FINALS.
5890 5310 IF(COTAIL(JWIN1(2))-COTAIL(JWIN1(1)))5313,,
5900      JWIN=JWIN1(2)
5910      JLOSE0=JWIN1(1)
5920      GO TO 5500
5930 5313 JWIN=JWIN1(1)
5940      JLOSE0=JWIN1(2)
5950      GO TO 5500
5960C -----
5970C --- JWIN HAS BEEN REPLACED BY HIS SECOND. REPLAY ALL GAMES THAT
5980C --- JWIN WAS IN TO DETERMINE NEW WINNER.
5990 5480 NOW=NEXT8(NOW)
6000      JLOSE=JLOSE7(NOW)
6010      IF(COTAIL(JLOSE)-COTAIL(JWIN))5470,,
6020      JLOSE7(NOW)=JWIN
6030      JWIN=JLOSE
6040 5470 NOW=NEXT7(NOW)
6050      JLOSE=JLOSE6(NOW)
6060      IF(COTAIL(JLOSE)-COTAIL(JWIN))5460,,
6070      JLOSE6(NOW)=JWIN
6080      JWIN=JLOSE
6090 5460 NOW=NEXT6(NOW)
6100      JLOSE=JLOSE5(NOW)
6110      IF(COTAIL(JLOSE)-COTAIL(JWIN))5450,,
6120      JLOSE5(NOW)=JWIN
6130      JWIN=JLOSE
6140 5450 NOW=NEXT5(NOW)
6150      JLOSE=JLOSE4(NOW)
6160      IF(COTAIL(JLOSE)-COTAIL(JWIN))5440,,
6170      JLOSE4(NOW)=JWIN
6180      JWIN=JLOSE
6190 5440 NOW=NEXT4(NOW)
6200      JLOSE=JLOSE3(NOW)
6210      IF(COTAIL(JLOSE)-COTAIL(JWIN))5430,,
6220      JLOSE3(NOW)=JWIN
6230      JWIN=JLOSE
6240 5430 NOW=NEXT3(NOW)
6250      JLOSE=JLOSE2(NOW)
6260      IF(COTAIL(JLOSE)-COTAIL(JWIN))5420,,
6270      JLOSE2(NOW)=JWIN
6280      JWIN=JLOSE

```

```

6290 5420 NOW=NEXT2(NOW)
6300      JLOSE=JLOSE1(NOW)
6310      IF(COTAIL(JLOSE)-COTAIL(JWIN))5410,,
6320      JLOSE1(NOW)=JWIN
6330      JWIN=JLOSE
6340 5410 IF(COTAIL(JLOSE0)-COTAIL(JWIN))5500,,
6350      JLOSE=JLOSE0
6360      JLOSE0=JWIN
6370      JWIN=JLOSE
6380C-----
6390C--- BUY JWIN.
6400 5500 IF(COTAIL(JWIN).LE.0.)GO TO 999
6410C--- JWIN IS THE BASE WHOSE NEXT SPARE IS THE BEST NEXT CHOICE
6420C--- BUY THAT SPARE AND COMPUTE THE EBO REDUCTION FOR THE NEXT SPARE
6430C--- FIRST CREDIT THE EBO REDUCTION AND INCREMENT ASSET LEVEL
6440C--- NEXT COMPUTE P(X=NLRUS) FOR NEW ASSET LEVEL & SUBTRACT THAT FROM
6450C--- COTAIL SO THAT COTAIL BECOMES P(B0>0) FOR THE NEW ASSET LEVEL
6460      EBO(JWIN)=EBO(JWIN)-COTAIL(JWIN)
6470      NLRUS(JWIN)=NLRUS(JWIN)+1
6480      NLEFT=NLEFT-1
6490      TERM(JWIN)=TERM(JWIN)*PIPE(JWIN)/NLRUS(JWIN)
6500      IF(TERM(JWIN)),999,
6510      COTAIL(JWIN)=COTAIL(JWIN)-TERM(JWIN)
6520      NOW=JWIN-1
6530C--- GO TO TOURNAMENT REPLAY. BEGIN AT APPROPRIATE ROUND (LINETH).
6540      IF(NLEFT),,LINETH
6550C-----
6560C-----
6570C--- TALLY UP TOTAL EBO AND GO TO PICK ND (LINEPK)
6580 550 SYSEBO=(1.-01MRT0)*DEPEBO
6590      DO 600 J=2,KBASES
6600 600 SYSEBO=SYSEBO+EBO(J)
6610      IF(-SYSEBO)LINEPK,,
6620      PRINT," SYSEBO.LE.0. FOR ND,NSN=",ND," ",NSNOUT
6630 650 DO 700 I=1,KBASES
6640      NLRMIN(I)=NLRUS(I)
6650      BEBOMIN(I)=0.
6660 700 CONTINUE
6670      PRINT," RETURNING EARLY"
6680      RETURN
6690 800 SYSEBO=1.E6
6700      GO TO LINEPK
6710 999 SYSEBO=(1.-01MRT0)*DEPEBO
6715      IF(NLEFT),LINEPK,
6720C--- ALLOCATE NLEFT REMAINING
6730      J=1
6740 9000 J=J+1
6750      IF(J.GT.KBASES)J=2
6760      NLRUS(J)=NLRUS(J)+1
6770      NLEFT=NLEFT-1
6780      IF(-NLEFT)9000,,
6800      GO TO LINEPK
6810 999! PRINT," ONLY ALLOCATED ",S-NLRUSTOP+NLRUS(2)," OUT OF ",S,

```

6820     &" SPARES."  
6830     NLRUS(2)=NLRUSTOP  
6840     GO TO 550  
6850     END

SYSTEM ?LIST LA61A/STARS/SOURCE/DN/FDEB001

```

100C ** ** FDEBO 4/13/79 FOR DISTRIBUTION MOD-METRIC
110   SUBROUTINE FDEBO
120   COMMON/GENERAL/DEBUG,NSNOUT,S
130   CHARACTER NSNOUT*18
140   INTEGER S
150   LOGICAL DEBUG
160C-----
170   COMMON/DEBOBLK/CUTOFF,DEBO(2000),DPIPE,DEBOCNT,INDXDBO,LUMPD
180   &,MXNUMDEP,MXTOTDEP,NTOTDEP,QIMRTO
190   INTEGER DEBOCNT
200C-----
210   COMMON/EBOBLK/BRCRG,BSHARE(257),COTAIL(257),EBO(257),KBASES
220   &,NBASES,NLRUS(257),OSTRG,PIPE(257),SRUEBO(257),SYSEBO,TERM(257)
230   &,PIPMIN(257)
240C-----
250C-----
260   DEBO(1)=DPIPE
270   PIPE(1)=DPIPE
280   IF(DPIPE.LT.13.)GO TO 20
290C-----
300C--- BIG PIPELINE LOGIC,TRMLOG=LOG P(N),WHERE P(N) IS
310C--- PROBABILITY DISTRIBUTION OF POISSON W/ MEAN = DPIPE.
320C--- WORK WITH LOGS UNTIL TRMS ARE LARGER
330   TRMLOG=-DPIPE
340   LUMPD=DPIPE-3.*SQRT(DPIPE)
350   IF(DEBUG)PRINT," LUMPD=",LUMPD
360   CTL=1.
370   I=0
380   IF(TRMLOG.GE.-86.)GO TO 12
390   10 I=I+1
400   TRMLOG=TRMLOG+ALOG(DPIPE/I)
410   IF(TRMLOG.LT.-86.)GO TO 10
420   12 TRM=EXP(TRMLOG)
430   DO 14 I=I+1,LUMPD
440     TRM=TRM*DPIPE/I
450     CTL=CTL-TRM
460   14 CONTINUE
470   DEBO(2)=DPIPE-LUMPD
480C--- TRM=P(X=LUMPD) CTL=P(X>LUMPD)
490C-----
500C--- WE HAVE A GLUMP OF SPARES(#=LUMPD) PUT INTO
510C--- SECOND POSITION OF DEBO ARRAY,EACH GIVING AN
520C--- EBO REDUCTION OF 1,TRM=P(LUMPD),CTL=1-TAIL
530C--- (=SIGMA P(X),X=LUMPD TO INFINITY) IS THE EBO
540C--- REDUCTION FOR THE LUMPD-PLUS-FIRST SPARE,WE NOW
550C--- CONTINUE WITH THE USUAL EBO LOGIC.
560   GO TO 30
570C-----
580C--- REGULAR SIZE PIPELINE LOGIC
590   20 TRM=EXP(-DPIPE)

```

```

600      CTL=1.-TRM
610C—— TRM=P(X=0) CTL=P(X>0)
620      DEBO(2)=DPIPE-CTL
630      LUMPD=1
640      TRM=TRM+DPIPE
650      CTL=CTL-TRM
660C—— TRM=P(X=1) CTL=P(X>1)
670      30 L=L+1
680      40 L=L+1
690      DEBO(L+1)=DEBO(L)-CTL
700      IF(DEBO(L+1).LE.0.)GO TO 50
710      TRM=TRM+DPIPE/(L+LUMPD-1)
720      CTL=CTL-TRM
730C—— TRM=P(X=L+LUMPD-1) CTL=P(X>L+LUMPD-1)
740      IF(CTL.GT.CUTOFF.AND.(L+1).LT.INDXDBO.AND.L+LUMPD.LE.S)GO TO 40
750      L=L+1
760C——
770C—— COMPUTATION COMPLETED.SET COUNTS OF DEBO ARRAY SIZES
780C—— AND TOTAL UNITS CONSIDERED AT DEPOT
790      50 NUMDEP=L
800      NTOTDEP=L+LUMPD-2
810      IF(NUMDEP.GT.MXNUMDEP)MXNUMDEP=NUMDEP
820      IF(NTOTDEP.GT.MXTOTDEP)MXTOTDEP=NTOTDEP
830      DEBOCNT=NUMDEP
840      RETURN
850      END

```

SYSTEM ?LIST LA61A/STARS/SOURCE/DM/SHIDMM01

```
990C ** ** SHIDMM REVISED 2/2/81 W/ SRUEBO BY FMS
1000 COMMON/GENERAL/DEBUG,NSNOUT,S
1010 CHARACTER NSNOUT*18/'00'/
1020 INTEGER S
1030 LOGICAL DEBUG
1040C*****
1050 COMMON/DEBOBLK/CUTOFF,DEBO(2000),DPIPE,DEBOCNT,INDXDBO,LUMPD
1060 &,MXNUMDEP,MXTOTDEP,NTOTDEP,OIMRTO
1070 INTEGER DEBOCNT
1080C*****
1090 COMMON/EBOBLK/BRCRG,BSHARE(257),COTAIL(257),EBO(257),KBASES
1100 &,NBASES,NLRUS(257),OSTRG,PIPE(257),SRUEBO(257),SYSEBO,TERM(257)
1110 &,PIPMIN(257)
1120C*****
1130 COMMON/PICBLK/BEBOMIN(257),EBOMIN,NLRMIN(257)
1140C*****
1150C
1160 INTEGER BASET(699),NAIRT(699),IFHT(699),LOCMD(140),ITAB(45)
1170 INTEGER QPAT(140),IXMDS(140),IXBASE(140)
1180 INTEGER T,TARG,TARGET,S,QPA,VSLCNT
1190 INTEGER NAIRFT(699),JFORBMD(1000),NFORBMD(1000)
1200 REAL LRUSHARE,FAPT(140),FOURWRDS(4),BMDSHARE(1000),TWOWRDS(2)
1210 CHARACTER SMC*4,ALC*2,MDI*6,IEC*2
1220 CHARACTER NSNSRU*18/'00'/,N15APP*15,SONSH*18
1230 CHARACTER*18 NSNVSL,APPNSN/'00'/,NSNSHP/'00'/
1240 CHARACTER MD*4,MDS*15,MACMD*4(45),MDST*15(140),MDSA*15
1250 LOGICAL MATCH
1260C
1270C
1280C*****
1290C**** READ IN MD/MDS FILE FILLING MACMD,MUST,BASET,NAIRT,IFHT,ITAB,
1300C**** & LOCMD(140) ARRAYS.
1310C**** ITAB ARRAY CONTAINS COUNT OF MDS'S IN EACH MD
1320C**** LOCMD(140) ARRAY CONTAINS INDEX OF FIRST ENTRY FOR EACH MDS IN
1330C**** BASET,ETC. ARRAYS.
1340C**** BASET ARRAY CONTAINS THE BASES THAT USE THE MDS'S
1350C**** NAIRT ARRAY CONTAINS THE # A/C AT THESE BASES.
1360C**** IFHT ARRAY CONTAINS THE FLYING HOURS (100S/QUARTER) FOR EACH MDS
1370C**** AT THE BASES.
1380C**** FOR EXAMPLE BASET(LOCMD(7)) THRU BASET(LOCMD(8)-1) CONTAIN
1390C**** THE BASES THAT USE MDST(7), WHILE THE CORRESPONDING
1400C**** ELEMENTS OF NAIRT & IFHT CONTAIN THE # A/C & FLYING HOURS FOR
1410C**** THAT MDS AT THOSE BASES RESPECTIVELY.
1420 C1=0.5*ALOG(6.283185307)
1430 C2=1./12.
1440 XLAMB=0.000001
1450 INDXDBO=2000
1460 READ(4)IDECIDE
1470 PRINT," IDECIDE=",IDECIDE
1480 WRITE(1)IDECIDE
```

```

1490C**** READ IN PD FILE
1500     I=0
1510    10 I=I+1
1520     READ(5,1,END=40)MD,MDS,BASET(I),NAIRT(I),IFHT(I),NAIRAF(I)
1525     1 FORMAT(V)
1530     PRINT," FILE-5 ",MD," ",MDS,BASET(I),NAIRT(I),IFHT(I),NAIRAF(I)
1540     IF(I-1),30,
1550     IF(MDS.EQ.MDST(NUMMDS))GO TO 10
1560C**** NEW MDS LOGIC
1570     NUMMDS=NUMMDS+1
1580     MDST(NUMMDS)=MDS
1590     LOCMDS(NUMMDS)=I
1600     IF(MD.NE.MACMD(NUMMD))GO TO 20
1610     ITAB(NUMMD)=ITAB(NUMMD)+1
1620     GO TO 10
1630C**** NEW MD LOGIC
1640    20 NUMMD=NUMMD+1
1650     MACMD(NUMMD)=MD
1660     ITAB(NUMMD)=1
1670     GO TO 10
1680C**** FIRST MD & MDS LOGIC
1690    30 MDST(1)=MDS
1700     NUMMDS=1
1710     LOCMDS(1)=1
1720     NUMMD=1
1730     MACMD(1)=MD
1740     ITAB(1)=1
1750     GO TO 10
1760C**** FINISHED
1770    40 LOCMDS(NUMMDS+1)=I
1780     ILAST=I-1
1790     PRINT," MACMD,MDST,LOCMDS,BASET,NAIRT,& IFHT ARRAYS"
1800     PRINT 50,(MACMD(I),I=1,NUMMD)
1810    50 FORMAT(12(1X,A4))
1820     PRINT 60,(MDST(I),I=1,NUMMDS)
1830    60 FORMAT(6A18)
1840     PRINT 70,(LOCMDS(I),I=1,NUMMDS)
1850    70 FORMAT(5X,6(1B,10X))
1860     PRINT 80,(BASET(I),I=1,ILAST)
1870    80 FORMAT(20I5)
1880     PRINT 80,(NAIRT(I),I=1,ILAST)
1890     PRINT 80,(IFHT(I),I=1,ILAST)
1900     WRITE(1)NUMMDS,ILAST
1910     WRITE(1)(MDST(I),I=1,NUMMDS)
1920     WRITE(1)(LOCMDS(I),I=1,NUMMDS+1)
1930     WRITE(1)(BASET(I),I=1,ILAST)
1940     WRITE(1)(IFHT(I),I=1,ILAST)
1950C
1960C
1970C
1980C*****
1990C*****
2000C**** BEGIN NEW COMPONENT --- INITIALIZE VARIABLES

```

```

2010 200 DO 210 I=1,NUMMDS
2020      QPAT(I)=0
2030 210 FAPT(I)=0.
2040      MATCH=.FALSE.
2050      IHIT=0
2060C**** READ VSL TAPE
2070      READ(11,END=999)KEY,KTYPE,IBP,SMC,ALC,NSNVSL,MDI,COST,
2080&      RCOST,MSERV,HTOC,IDUIN,IGNOR,TRBY,JBOFM,JDOFM,OVHTB,
2090&      OSLB,IADBY,XNUBY,MAPBY,BREPB,DREPB,NEGLV,I5,IRZ,OSTRQ,
2100&      DRCRQ,BRCRQ,AJRCT,DRCRR,ABCON,ADCON,ADCOR,USERS,DRTIME,
2110&      IEC,PLTT,NPSL,BNRTS,MWRMR,MWRMA,IPSC,MAXREP,BRT,OST,CHK,TASSE
2120      DEBUG=(NSNVSL.GT."5826003000".AND.NSNVSL.LT."5826005000")
2130      &.OR.NSNVSL.GT."99999"
2140      TARGET=TASSE+.5
2150      IPSEL=IPSC/100
2160      VSLCNT=VSLCNT+1
2170      IF(MOD(VSLCNT,1000).EQ.0)WRITE(7,220)VSLCNT
2180 220 FORMAT(" NO. OF VSL NSNS PROCESSED=",I6)
2190      GO TO 250
2200C**** READ APPLICATION TAPE
2210 230 READ(12,END=294)APPNSN,NMDSAS,NNHAS,LEVEL
2220      IF(DEBUG)PRINT,APPNSN,NMDSAS,NNHAS,LEVEL
2230      APPCNT=APPCNT+1
2240C**** TEST FOR NSN MATCH
2250 250 IF(NSNVSL.LT.APPNSN)GO TO 295
2260      IF(NSNVSL.GT.APPNSN)GO TO 290
2270C**** NSN'S MATCH. READ MDS DATA.
2280      IF(NMDSAS),292,
2290 255 READ(12)MDSA,QPA,FAP
2300      IF(DEBUG)PRINT," MDSA=",MDSA," QPA=",QPA," FAP=",FAP
2310      IF(QPA.LE.0.OR.FAP.LE.0.)GO TO 270
2320      DO 260 I=1,NUMMDS
2330 260 IF(MDSA.EQ.MDST(I))GO TO 265
2340      NBADAPPS=NBADAPPS+1
2350      GO TO 270
2360 265 QPAT(I)=QPA
2370      FAPT(I)=FAP
2380      IHIT=IHIT+1
2390      IXMDS(IHIT)=I
2400      NSNOUT=APPNSN
2410      MATCH=.TRUE.
2420 270 NMDSAS=NMDSAS-1
2430      IF(-NMDSAS)255,,
2440C**** READ NHA DATA (THERE SHOULDN'T BE ANY)
2450      IF(NNHAS),230,
2460      PRINT," <*> NNHAS=",NNHAS," FOR ",APPNSN
2470      DO 272 I=1,NNHAS
2480          READ(12)
2490 272 CONTINUE
2500      GO TO 230
2510C
2520C**** TEST FOR DUMMY
2530 290 N15APP=APPNSN

```



```

2540C(*)<*> NO DUMMIES      IF(N15APP.EQ.NSNVSL)GO TO 299
2550C
2560C****- NOT A DUMMY FINISH READING APP THEN GO TO 230
2570      IF(NMDSAS).292,
2580 291 READ(12)
2590      NMDSAS=NMDSAS-1
2600      IF(-NMDSAS)291,,
2610 292 IF(NNHAS).230,
2620      DO 293 I=1,NNHAS
2630          READ(12)
2640 293 CONTINUE
2650      GO TO 230
2660C
2670C**** END LOGIC
2680 294 APPNSN="ZZZZZ"
2690      NNHAS=0
2700      NMDSAS=0
2710      PRINT," EOF APP. FILE"
2720C
2730C**** IF NO VALID APPLICATIONS WERE FOUND SKIP COMPONENT.
2740 295 IF(.NOT.MATCH)GO TO 200
2750      IF(DEBUG)PRINT," IXMDS ",(IXMDS(I),I=1,IHIT)
2760      GO TO 430
2770C
2780C
2790C
2800C*****
2810C*****
2820C**** REGULAR COMPONENT. FULL PROCESSING. BEGIN BY READING SHOP DATA.
2830 400 READ(4,END=432)NSNSHOP,FOURWRDS,TARG,TWOWRDS,TSRUEBO
2840      IF(DEBUG)PRINT," NSNSHOP,TARG=",NSNSHOP,TARG
2850 430 IF(NSNSHOP.LT.NSNOUT)GO TO 400
2860      IF(NSNSHOP.GT.NSNOUT)GO TO 434
2870      IF(TARG.LT.TARGET)PRINT," TARG TOO SMALL ",NSNSHOP
2880      TARGET=TARG
2890      GO TO 400
2900C
2910 432 NSNSHOP='99999'
2920      PRINT," EOF SHOP FILE"
2930 434 NPROCESS=NPROCESS+1
2940      S=TARGET
2950C
2960C*****
2970C**** COMPUTE BASE PRORATING FACTORS & NBASES
2980 600 DO 615 J=1,257
2990      BSHARE(J)=0.
3000 615 CONTINUE
3010C**** IF IPSEL.GE.2 GO TO RIP PROCESSING
3020      IF(IPSEL-2)650,,
3030C
3040C
3050C**** FILL BSHARE & BMDSHARE BY TI (COMPUTE RIP FOR COMPHDR)
3060      TI=0.

```

```

3070     RIP=0.
3080     NBMDS=0
3090C
3100     DO 630 I=1, IHI
3110         IMDS=IXMDS(I)
3120         FACT=GPAT(IMDS)*FAPT(IMDS)
3130         IF(FACT), 630,
3140C
3150         DO 620 K=LOMDS(IMDS), LOMDS(IMDS+1)-1
3160             J=BASET(K)
3170             TIT=FACT*NAIRT(K)
3180             TI=TI+TIT
3190             RIP=RIP+FACT*IFHT(K)
3200             BSHARE(J)=BSHARE(J)+TIT
3210C     — AT THIS POINT BSHARE(J) IS ACCUMULATING THE TI AT BASE J-1
3220             IF(NAIRFT(K).LE.0) GO TO 620
3230             NBMDS=NBMDS+1
3240             JFORBMS(NBMDS)=J
3250             MFOREMDS(NBMDS)=IMDS
3260             BMSHARE(NBMDS)=FACT*NAIRFT(K)
3270 620     CONTINUE
3280C
3290 630 CONTINUE
3300C
3310     IF(NBMDS.GT.MAXBMS) MAXBMS=NBMDS
3320C*** NOW COMPUTE NBASES, DIVIDE BSHARE BY TI TO GIVE PRORATING
3330C*** FACTORS. ALSO PACK BSHARE ARRAY SO THAT BSHARE(J) IS THE
3340C*** PRORATING FACTOR FOR THE (IXBASE(J)-1)'TH BASE.
3350     KBASES=1
3360C
3370     DO 640 J=2, 257
3380         IF(BSHARE(J)), 640,
3390         KBASES=KBASES+1
3400         BSHARE(KBASES)=BSHARE(J)/TI
3410         IXBASE(KBASES)=J
3420 640 CONTINUE
3430C
3440     DO 645 IBMS=1, NBMDS
3450         BMSHARE(IBMS)=BMSHARE(IBMS)/TI
3460 645 CONTINUE
3470     GO TO 675
3480C
3490C
3500C
3510C*** FILL BSHARE & BMSHARE BY RIP
3520 650 RIP=0.
3530     NBMDS=0
3540C
3550     DO 670 I=1, IHI
3560         IMDS=IXMDS(I)
3570         FACT=GPAT(IMDS)*FAPT(IMDS)
3580         IF(FACT), 670,
3590C

```

```

3600      DO 660 K=LOCMD5(IMDS),LOCMD5(IMDS+1)-1
3610          J=BASET(K)
3620          RIPT=FACT*IFHT(K)
3630          RIP=RIP+RIPT
3640          BSHARE(J)=BSHARE(J)+RIPT
3650C      --- AT THIS POINT BSHARE(J) IS ACCUMULATING THE RIP AT BASE J-1
3660          IF(NAIRAF(K).EQ.0)GO TO 660
3670          NBMDSS=NBMDSS+1
3680          JFORBMD5(NBMDSS)=J
3690          IFORBMD5(NBMDSS)=IMDS
3700          BMDSHARE(NBMDSS)=RIPT*NAIRAF(K)/NAIRT(K)
3710 660    CONTINUE
3720C
3730 670 CONTINUE
3740C
3750      IF(NBMDSS.GT.MAXBMDSS)MAXBMDSS=NBMDSS
3760C**** NOW COMPUTE KBASES, DIVIDE BSHARE BY RIP TO GIVE PRORATING
3770C**** FACTORS. ALSO PACK BSHARE ARRAY SO THAT BSHARE(J) IS THE
3780C**** PRORATING FACTOR FOR THE (IXBASE(J)-1)'TH BASE.
3790      KBASES=1
3800C
3810      DO 672 J=2,257
3820          IF(BSHARE(J)).672,
3830          KBASES=KBASES+1
3840          BSHARE(KBASES)=BSHARE(J)/RIP
3850          IXBASE(KBASES)=J
3860 672 CONTINUE
3870C
3880      DO 673 IBMD5=1,NBMDSS
3890          BMDSHARE(IBMD5)=BMDSHARE(IBMD5)/RIP
3900 673 CONTINUE
3910C
3920C*****
3930C**** NOW SORT BSHARE & IXBASE BY BSHARE
3940C**** THIS IS A BUBBLE SORT FOR BSHARE(2) THRU BSHARE(KBASES).
3950C**** IT IS SPEED OPTIMIZED. THE OUTER LOOP INDEX IS LIM.
3960C**** THE LAST COMPARISON IN THE INNER LOOP IS BETWEEN
3970C**** BSHARE(LIM-1) & BSHARE(LIM)
3980 675 IF(DEBUG)PRINT 677,(BSHARE(I),I=1,KBASES)
3990 677 FORMAT(IX,10F11.8)
4000      IF(KBASES-3)683,,
4010      LIM=KBASES
4020 679 J=2
4030      K=3
4040 680 IF(BSHARE(K)-BSHARE(J))682,,
4050C**** SWITCH K'TH & J'TH
4060      HOLD=BSHARE(J)
4070      BSHARE(J)=BSHARE(K)
4080      BSHARE(K)=HOLD
4090      IHOLD=IXBASE(J)
4100      IXBASE(J)=IXBASE(K)
4110      IXBASE(K)=IHOLD
4120 682 J=J+1

```

```

4130      K=K+1
4140      IF(J-LIM)680,,
4150      LIM=LIM-1
4160      IF(2-LIM)679,,
4170      683 NBASES=KBASES-1
4180      IF(DEBUG)PRINT 677,(BSHARE(I),I=1,KBASES)
4190C
4200C*****
4210C**** READ SRU FILE & COMPUTE SRUEBO.
4220C(<*) PRORATE TSRUEBO TO GIVE SRUEBO'S
4230      DO 700 J=2,KBASES
4240          SRUEBO(J)=TSRUEBO*BSHARE(J)
4250      700 CONTINUE
4260C
4270C
4280C*****
4290C**** COMPUTE DAILY DEMAND RATE(DDR),OIMRTO,ETC.
4300      715 BDDR=0.
4310          DDDR=0.
4320          IF(BRT.GE.0.0001)BDDR=BRCRQ/BRT
4330          IF(OST.GE.0.0001)DDDR=OSTRQ/OST
4340          IF(-DDDR)716,,
4350          IF(PLTT.GE.0.0001)DDDR=(ABCON+ADCON)*0.03333/PLTT
4360          IF(DRTIME.GE.0.0001)DDDR=DUDR+DRCRQ/DRTIME
4370      716 DDR=BDDR+DDDR
4380          DPIPE=DRCRQ+DRCRR+AJRCT+ADCOR+ADCON+ABCON
4390          BANDO=BRCRQ+OSTRQ
4400          TPIPE=BANDO+DPIPE
4410          IF(DEBUG)PRINT,"  BANDO,DPIPE=",BANDO," ",DPIPE
4420          OIMRTO=1.
4430          IF(DPIPE.LE.0.)GO TO 57
4440          IF(PLTT.LE.0.)GO TO 53
4450          IF(DRTIME.LE.0.)GO TO 55
4460          OIMNUM=(ABCON+ADCON)/(30.*PLTT)+DRCRQ/DRTIME
4470          OIMDENOM=(ABCON+ADCON+AJRCT+ADCOR)/(30.*PLTT)+(DRCRQ+DRCRR)/DRTIME
4480          OIMRTO=OIMNUM/OIMDENOM
4490          GO TO 57
4500      53 OIMRTO=DRCRQ/(DRCRQ+DRCRR)
4510          GO TO 57
4520      55 OIMRTO=(ABCON+ADCON)/(ABCON+ADCON+AJRCT+ADCOR)
4530C**** COMPUTE COMPHDR BASED ON FLYING HOURS. COMPHDR=DEMANDS/FLHR
4540      57 COMPHDR=DDR/(1.095*RIP)
4550C
4560C*****
4570C**** BEGIN ACTUAL ALLOCATION OF ASSETS.
4580C**** FIRST HANDLE THE SIMPLE CASES.
4590C**** IF ASSETS.GE.0 GO TO CHECK FOR EXCESSIVE ASSETS. ELSE SKIP ALLOC.
4600          IF(-TARGET)719,,
4610          OIMPIPE=DRCRQ+ABCON+ADCON+BANDO
4620          PIPMIN(1)=DPIPE
4630          BEBOMIN(1)=DPIPE
4640          NLRMIN(1)=0
4650          IF(NBASES),960,

```

```

4660      DO 717 J=2,KBASES
4670          PIPMIN(J)=0.5*PIPE*BSHARE(J)+SRUEBO(J)
4680          BEBOMIN(J)=PIPMIN(J)
4690          NLRMIN(J)=0
4700 717 CONTINUE
4710      GO TO 960
4720C**** CHECK FOR ASSETS GREAT ENOUGH TO MAKE ALLOCATION SIMPLE.
4730 719 T=DPIPE+5.*SQRT(DPIPE)+.5
4740      DO 720 J=2,KBASES
4750          PJ=BSHARE(J)*BANDO+SRUEBO(J)
4760          T=T+PJ+5.*SQRT(PJ)+.5
4770 720 CONTINUE
4780      IF(DEBUG)PRINT," T,TARGET= ",T," ",TARGET
4790      IF(TARGET-T)800,,
4800C*****
4810C**** SIMPLE ALLOCATION. DUMP ASSETS IN GROSS QUANTITIES.
4820      NSIMPLE=NSIMPLE+1
4830      IF(BANDO-1E-10)770,,
4840      IF(ADCR+AJRCT+DRCRR.LE.1E-10.AND.KBASES.EQ.2)GO TO 780
4850C**** REGULAR SIMPLE CASE. DISTRIBUTE ASSETS USING ESTIMATES.
4860      NLRMIN(1)=DPIPE+5.*SQRT(DPIPE)+.5
4870      NLEFT=TARGET-NLRMIN(1)
4875      BEBOMIN(1)=0.
4880      DO 730 J=2,KBASES
4890          BEBOMIN(J)=0.
4900          PJ=BSHARE(J)*BANDO+SRUEBO(J)
4910          PIPMIN(J)=PJ
4920          NLRMIN(J)=PJ+5.*SQRT(PJ)+.5
4930          NLEFT=NLEFT-NLRMIN(J)
4940 730 CONTINUE
4950C**** ALLOCATE REMAINING COMPONENTS.
4960      SYSEBO=0.
4970      IF(NLEFT),960,
4980      NEACH=NLEFT/NBASES
4990      IF(NEACH),750,
5000      DO 740 J=2,KBASES
5010          NLRMIN(J)=NLRMIN(J)+NEACH
5020 740 CONTINUE
5030      NLEFT=NLEFT-NEACH*NBASES
5040      IF(NLEFT),960,
5050 750 DO 760 J=2,NLEFT+1
5060          NLRMIN(J)=NLRMIN(J)+1
5070 760 CONTINUE
5080      GO TO 960
5090C**** SIMPLE DEPOT ONLY CASE. DUMP ASSETS TO DEPOT.
5100 770 NSIMPDEP=NSIMPDEP+1
5110      IF(DEBUG)PRINT," SIMPLE DEPOT ONLY CASE"
5120      NLRMIN(1)=TARGET
5130      KBASES=1
5140      NBASES=0
5150      BEBOMIN(1)=0.
5160      EBOMIN=0.
5170      GO TO 960

```

```

5180C**** SIMPLE ONE BASE CASE. PUT ALL ASSETS AT THE BASE.
5190 780 NLRMIN(1)=0
5200 IF(DEBUG)PRINT," SIMPLE ONE BASE CASE"
5210 NLRMIN(2)=TARGET
5220 NSIMP1=NSIMP1+1
5230 BEBOMIN(1)=0.
5240 BEBOMIN(2)=0.
5250 EBOMIN=0
5260 GO TO 960
5270C*****
5280C**** NOT SIMPLE. COMPUTE MISCELLANEOUS QUANTITIES FOR MA.
5290 800 CUTOFF=AMIN1(0.1,XLAMB*COST)
5300C**** CHECK FOR ONE BASE CASE.
5310 IF(BANDO.GE.0.00001.AND.(NBASES.GE.2.OR.OIMRTO.LE.
5320 &0.99999))GO TO 950
5330C**** ONE BASE CASE. COMPUTE EBO.
5340 NIBASE=NIBASE+1
5350 SYSEBO=TPIPE
5360 TRMLOG=-TPIPE
5370 I=0
5380C**** CHECK FOR BIG PIPELINE
5390 IF(TPIPE-86.)920.,
5400C**** BIG TPIPE LOGIC. USES STERLINGS FORMULA.
5410 I=TPIPE-6.*SQRT(TPIPE)
5420 QUANT=I
5430 TRMLOG=QUANT+C2/(30.0+QUANT*QUANT*QUANT)-C1-C2/QUANT
5440 &-ALOG(QUANT)*(QUANT+0.5)+QUANT*ALOG(TPIPE)-TPIPE
5450 SYSEBO=SYSEBO-I
5460 920 TRM=EXP(TRMLOG)
5470 CTL=1.-TRM
5480 DO 930 I=I+1,TARGET
5490 SYSEBO=SYSEBO-CTL
5500 TRM=TRM*TPIPE/I
5510 CTL=CTL-TRM
5520C == CTL IS THE EBO REDUCTION FOR THE I+1'TH SPARE.
5530 930 CONTINUE
5540 IF(OIMRTO-.5)940.,
5550C**** ONE BASE CASE REALLY WAS A BASE.
5560 IF(DEBUG)PRINT," ONE BASE CASE"
5570 NBASES=1
5580 KBASES=2
5590 NLRMIN(2)=TARGET
5600 BEBOMIN(2)=SYSEBO
5610 COTAIL(2)=CTL
5620 TERM(2)=TRM
5630 PIPMIN(2)=TPIPE
5640 EBOMIN=SYSEBO
5650 GO TO 960
5660C**** ONE BASE CASE WAS REALLY A DEPOT ONLY CASE.
5670 940 NBASES=0
5680 KBASES=1
5690 IF(DEBUG)PRINT," DEPOT ONLY CASE"
5700 NLRMIN(1)=TARGET

```

```

5710      BEBOMIN(1)=SYSEBO
5720      TERM(1)=TRM
5730      PIPMIN(1)=TPIPE
5740      EBOMIN=SYSEBO
5750      GO TO 960
5760C**** NON ONE BASE. ALLOCATE ASSETS marginally TO DEPOT AND BASES.
5770 950 IF(DEBUG)PRINT," CALLING FDEBO FROM HIIMM"
5780      CALL FDEBO
5790      IF(DEBUG)PRINT,LUMPD," ",(DEBO(1),I=1,DEBOCNT)
5800      IF(DEBUG)PRINT 955,KEY,KTYPE,IBP,SMC,ALC,NSNVSL,MDI,COST,
5810      &RCOST,MSERV,MTOC,IDUIN,IONOR,TRBY,OVHTB,OSLB,IADBY,XNUBY,
5820      &MAPBY,BREP,B,DREPB,NEGLV,I5,IRZ,OSTRQ,DRCRQ,BRCRQ,DRCRR,
5830      &ABCON,ADCON,ADCOR,AJRCT,NBASES,OST,DRTIME,BRT,IEC,PLTT,NPSL,BNRTS,
5840      &MMRMR,MURMA,IPSC,MAXREP,TASSE,TARGET
5850 955 FORMAT(" KEY=",I2," KTYPE=",I1," IBP=",A2," SMC=",A4,
5860      &" ALC=",A2," NSN=",A15," MDI=",A3," COST=",F10.2,/,
5870      &" RCOST=",F10.2," MSERV=",I6," MTOC=",I6," IDUIN=",I6,
5880      &" IONOR=",I6," TRBY=",F9.2," OVHT=",F9.2," OSLBA=",F11.4,
5890      &/, " IADBY=",I6," XNUBY=",F9.2," MAPBY=",F7.0," BREP=",F9.2,
5900      &" DREPB=",F9.2," NEGLV=",I4," I5=",I5," IRZ=",I1,/,
5910      &" OSTRQ=",F11.4," DRCRQ=",F11.4," BRCRQ=",F11.4," DRCRR=",
5920      &F11.4,/, " ABCON=",F11.4," ADCON=",F11.4," ADCOR=",F11.4,/,
5930      &" AJRCT=",F11.4," NBASES=",I3," OST=",F3.0," DRTIME=",F7.0,
5940      &" BRT=",F3.0," IEC=",A2," PLTT=",F7.4," NPSL=",I7,/,
5950      &" BNRTS=",F4.2," MMRMR=",I6," MURMA=",I6," IPSC=",I6,
5960      &" MAXREP=",I8," TASSE=",F9.0," TARGET=",I7)
5970      NPICED=NPICED+1
5980      CALL PICND
5990      IF(DEBUG)PRINT," BACK TO HIIMM"
6000C
6010C
6020C
6030C*****
6040C*****
6050C**** COMPUTE REPRATE THEN WRITE OUTPUT
6060 960 REPRATE=0
6070      IF(NBASES),962,
6080      OIMRESUP=0
6090      DO 961 J=2,KBASES
6100          OIMRESUP=OIMRESUP+PIPMIN(J)
6110 961 CONTINUE
6120      IF(OIMRESUP),962,
6130      REPRATE=DDR/(24.*OIMRESUP)
6140 962 WRITE(1)NSNOUT,BEBOMIN(1),OIMRTO,OSTRQ,IPSEL,RIP,COMPHDR,DRTIME
6150      &,OST,BRT,IHIT,NBASES,IEC,COST,REPRATE,BRCRQ,DOR,NBMDSS,DRCRQ
6160      DO 963 I=1,IHIT
6170          IMDS=IXMDS(I)
6180          WRITE(1)IMDS,QPAT(IMDS),FAPT(IMDS)
6190 963 CONTINUE
6200      IF(NBASES),970,
6210      DO 965 I=2,KBASES
6220          WRITE(1)IXBASE(I),PIPMIN(I),NLRMIN(I),BEBOMIN(I),BSHARE(I)
6230 965 CONTINUE

```

```

6240 970 IF(DEBUG)PRINT," OIMRTO,EBOMIN,BEBOMIN,PIPMIN,NLRMIN"
6250      &,OIMRTO," ",EBOMIN
6260      IF(DEBUG)PRINT 980,(BEBOMIN(I),I=1,KBASES)
6270      IF(DEBUG)PRINT 980,(PIPMIN(I),I=1,KBASES)
6280 980 FORMAT(7(" ",F10.3))
6290      IF(DEBUG)PRINT 990,(NLRMIN(I),I=1,KBASES)
6300 990 FORMAT(" ",20I5)
6310C**** WRITE BMDS DATA
6320      IF(NBMDSS),200,
6330      DO 985 IBMDS=1,NBMDSS
6340          WRITE(1),JFORBMDS(IBMDS),MFORBMDS(IBMDS),BMDSHARE(IBMDS)
6350 985 CONTINUE
6360      GO TO 200
6370C
6380C
6390C
6400C*****
6410C*****
6420C****- WRAPUP -- WRITE FINAL REPORTS TO 7.
6430 999 WRITE(7,1000)VSLCNT,APPCNT,NUMMDS,NSIMPLE
6440 1000 FORMAT('0',' NO. OF VSL READS=',I6,' NO. OF APP READS=',
6450      I6,' NO. OF MDS READS=',I6,' NO. OF NSNS WITH SIMPLE DIST=',I6)
6460      WRITE(7,1010)NBADAPPS,NIBASE,NPROCESS
6470 1010 FORMAT(" NBADAPPS,NIBASE,NPROCESS=",3I7)
6480      WRITE(7,1020)SRUCNT,NDUMMY,NPICED
6490 1020 FORMAT(" SRUCNT=",I9," NDUMMY=",I5," NPICED=",I8)
6500      WRITE(7,1030)NSIMPDEP,NSIMP1,MAXBMDSS
6510 1030 FORMAT(" NSIMPDEP,NSIMP1,MAXBMDSS=",3I6)
6520      WRITE(7,1040)MXNUMDEP,MXTOTDEP
6530 1040 FORMAT(" MXNUMDEP,MXTOTDEP=",2I7)
6540      STOP
6550      END

```



SYSTEM ?LIST LA61A/STARS/SOURCE/DM/HDR01

```

990C ** ** LA61A/STARS/SOURCE/DM/HDR01 2/6/81 BY FMS
1000 REAL BEBOMIN(256),PIPE(256),BSHARE(256),FAPT(150),LAMBDA
1010 INTEGER IXBASE(256),NLRMIN(256),QPAT(150),IXMDS(150)
1020 CHARACTER NSNOUT*15,NSN01*15/'000000',NOUN*10
1030 CHARACTER MDST*15(150)
1040 INTEGER LOCMD5(150),BASET(600),IFHT(600)
1050 LOGICAL MATCH
1060 REWIND 2
1070 READ(2)IDEcide
1080 READ(2)NUMMDS,ILAST
1090 READ(2)(MDST(I),I=1,NUMMDS)
1100 READ(2)(LOCMD5(I),I=1,NUMMDS+1)
1110 READ(2)(BASET(I),I=1,ILAST)
1120 READ(2)(IFHT(I),I=1,ILAST)
1130 WRITE(3)IDEcide
1140 WRITE(3)NUMMDS,ILAST
1150 WRITE(3)(MDST(I),I=1,NUMMDS)
1160 WRITE(3)(LOCMD5(I),I=1,NUMMDS+1)
1170 WRITE(3)(BASET(I),I=1,ILAST)
1180 WRITE(3)(IFHT(I),I=1,ILAST)
1190 100 READ(2,END=999)NSNOUT,DEBO,QIMRTO,OSTRQ,IPSEL,RIP,COMPHDR
1200 &,DRTIME,OST,BRT,IHIT,NBASES,IEC,COST,REPRATE,BRCRQ,DDR,NBMDSS
1205 &,DRCRQ
1210 MATCH=.FALSE.
1220 NREAD=NREAD+1
1230 DO 150 I=1,IHIT
1240 READ(2)IXMDS(I),QPAT(I),FAPT(I)
1250 150 CONTINUE
1260 IF(NBASES).350,
1270 DO 200 I=1,NBASES
1280 200 READ(2)IXBASE(I),PIPE(I),NLRMIN(I),BEBOMIN(I),BSHARE(I)
1290 GO TO 350
1300 250 READ(01,300,END=450)NSN01,NOUN,LAMBDA
1310 300 FORMAT(4X,A15,A10,56X,F5.4)
1320 350 IF(NSNOUT.LT.NSN01)GO TO 500
1330 IF(NSN01.LT.NSNOUT)GO TO 250
1340 NMATCH=NMATCH+1
1350 MATCH=.TRUE.
1360 COMPHDR=LAMBDA*.01
1370 GO TO 250
1380 450 NSN01='ZZZZZZ'
1390C--- CHECK FOR MATCH & NON FLYING HOUR PROGRAM.
1400 500 IF(.NOT.MATCH) GO TO 530
1410 IF(IPSEL.LE.1)GO TO 540
1420C--- MATCH=.TRUE. BUT NOT FLYING HOUR PROG.
1430 COMPHDR=0.
1440 REPRATE=0.
1450 PRINT," ",NOUN," ",NSNOUT," IPSEL=",IPSEL
1460 GO TO 540
1470C--- NOT MATCH
1480 530 PRINT," ",NSNOUT," NOT MATCHED COMPHDR,IPSEL=",COMPHDR,IPSEL

```

AD-A110 900

LOGISTICS MANAGEMENT INST WASHINGTON DC  
THE SORTIE-GENERATION MODEL SYSTEM, VOLUME VI. SPARES SUBSYSTEM--ETC(U)  
SEP 81 J B ABELL, F M SLAY  
LMI-NL102-VOL-6

F/G 15/5

MDA903-81-C-0166

NL

UNCLASSIFIED

2 of 2

AD-A110 900

END  
DATE  
FILMED  
3-82  
DTIC

```

1490      IF(IPSEL.LE.1)GO TO 540
1500C—— NOT FLYING HOURS EITHER
1510      COMPHDR=0.
1520      REPRATE=0.
1530 540 WRITE(3)NSNOUT,DEBO,0IMRTO,OSTRG,IPSEL,RIP,COMPHDR
1540      &,DRTIME,OST,BRT,IHIT,NBASES,IEC,COST,REPRATE,BRCRQ,DDR,NBMDSS
1545      &,DRCRQ
1550      DO 550 I=1,IHIT
1560      WRITE(3)IXMDS(I),GPAT(I),FAPT(I)
1570 550 CONTINUE
1580      IF(NBASES).610,
1590      DO 600 I=1,NBASES
1600 600 WRITE(3)IXBASE(I),PIPE(I),NLRMIN(I),BEDOMIN(I),BSHARE(I)
1610 610 IF(NBMDSS).100,
1620      DO 620 I=1,NBMDSS
1630      READ(2)J,M,S
1640      WRITE(3)J,M,S
1650 620 CONTINUE
1660      GO TO 100
1670 999 PRINT," NREAD,NMATCH=",NREAD,NMATCH
1680      STOP
1690      END

```

APPENDIX F  
SAMPLE OF OUTPUT FROM THE  
DISTRIBUTION MODEL

[illegible]

```
0004 5 IDENT 052011N232D ,0529USLAY 0110
#####
```

S S S S      S S S S      S S S S      S S S S      S      S      S S S S      S      S S  
 S      S S      S      S      S      S      S      S      S      S      S      S      S      S      S      S  
 S      S      S S S S      S      S      S      S      S      S      S      S      S      S      S      S  
 S      S      S      S      S      S      S      S      S      S      S      S      S      S      S      S  
 S S S S      S S S S      S S S S      S      S      S      S      S      S      S      S      S      S  
 S S S S      S S S S      S S S S      S      S      S      S      S      S      S      S      S      S

SS 7623U ENTERED C AT 14.117 FROM TSS/S 0-08-16

F-1

0036 \$ GOTO NX1 360  
 0037 \$ NOTE 000370  
 0038 \$ NOTIF 000380  
 0039 \$ NOTE 390  
 0040 \$ LX1. LABEL 00000400  
 0041 \$ UTILITY 000410  
 0042 \$ LIMITS 20,10K,1K 00420  
 0043 \$ FUTIL AA,RR,REW/AA,RR/,COPY/1F/ 0430  
 0044 \$ FILE AA,ASRR 440  
 0045 \$ TAPE9 RR,ARCD,,,,DISTWOS4\*\*\* 0450  
 0046 \$ IF ARURT,ENDJUR 0  
 0047 \$ NX1. LABEL 00000470  
 0048 \$ ENDJUR 000480  
 TOTAL CARD COUNT THIS JOB = 000963

\* BEGIN ACTIVITY -01- GELoad 09/05/R1 SW=010000000000  
 INPUT STARTED WITH #21971 FOR FILE CODE 04 GE 600 BTL 000SSIMR8053\*\*  
 INPUT STARTED WITH #21105 FOR FILE CODE 11 GE 600 BTL 000VREPR053\*\*\*  
 INPUT STARTED WITH #200A7 FOR FILE CODE 12 GF 600 BTL 000  
 \* NORMAL TERMINATION AT 016673 I=5020 SW=010000000000

START 14.485 LINES 16069 PROC 0.6601 I/O 0.064 IU 5 MEMORY 29K  
 STOP 15.232 LIMIT 19456 LIMIT 1.9900 CU 5 M+T A3390  
 SWAP 0.000  
 LAPSE 0.746 FC D TYPE BUSY IP/AT FP/RT IS/MC MS/ME ADDRESS T#

05 R D191 \* 378 0 26 26 26 0-08-16  
 R\* P D191 \* 586 0 0 32 32 0-08-16  
 01 S D191 \* 9A580 0 7095 7200 7200 0-08-03  
 03 R D191 P 41 0 1 1 1 0-08-11  
 04 D TAP9 9566 751 0 0-16-10 #21971  
 07 SYOUT  
 11 D TAP9 73534 5953 0 0-16-03 #21105  
 12 D TAP9 29973 2135 0 0-16-04 #200A7  
 P\* SYOUT  
 L\* R D191 \* 3297 0 0 624 624R 0-08-02

LIST 123 LINES AT STA. XL  
 RC-52 15804 LINES AT STA. XL  
 RC-06 27 LINES AT STA. XL  
 RC-07 35 LINES AT STA. XL

PROCESSOR I/O CPUF TOTAL  
 \$ 21.12 \$ 3.75 \$ 45.44 \$ 70.31

\* BEGIN ACTIVITY -02- GELoad 09/05/R1 SW=000000000000  
 OPERATOR STARTED WITH #26393 FOR FILE CODE 03 GE 600 BTL 000DISTWOS3\*\*\*  
 INPUT STARTED WITH #26140 FOR FILE CODE 01 GE 600 BTL 000  
 INPUT CONTINUED WITH #26319 FOR FILE CODE 01 GE 600 BTL 000  
 \* NORMAL TERMINATION AT 016673 I=5020 SW=000000000000

START 15.310 LINES 393 PROC 0.4563 I/O 0.180 IU 5 MEMORY 15K  
 STOP 16.001 LIMIT 1024 LIMIT 0.9900 CU 5 M+T 39792  
 SWAP 0.000  
 LAPSE 0.690 FC D TYPE BUSY IP/AT FP/RT IS/MC MS/ME ADDRESS T#

02 S D191 \* 91344 7095 7200 7200 0-08-03  
 R\* R D191 \* 41 4 4 0-08-16  
 01 D TAP9 457554 44950 0 0-16-10 #26140

LIST 103 LINES AT STA. XL  
RC-52 290 LINES AT STA. XL

PROCESSOR	I/O	CORE	TOTAL
\$ 14.67	\$ 10.59	\$ 10.68	\$ 35.94

\* SCARD #0036 IS TRUE, SW=00000000000000, SKIP TO NX1

SNUMB = 7423U, ACTIVITY # = 01, REPORT CODE = 74, RECORD COUNT = 000123





76230 01 09-05-81 14.486

ORIGIN	DATE	MIDDLE	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION
016710	04/11/77	FXFH	..FX9 020105 ..FX6 020161 FXM. 016730 FGERR 017406 FXFDV 020006 FXTRC 017017 FLTPR 017543 FEXIT 016630 FOPEN 016077 FJUV. 016075 FID0. 015726 FSL11 015606 FPAM. 014710 FPAMA 014710 FSAV 014760 FCOM. 014524 FCHA. 014400 FSETU 014275 FTL 014273 ASCR. 014246 FRCD. 014044 FTAB. 014044 MXNU 014040 GMAIT 013756 GSTIN 013726 GSTOT 013632 GWRC. 013562 GGTR. 013042 GRMT. 013024 GPTR. 012276 GPUT. 012304 GPSZ. 012200 GOPE. 011414 GWNT. 011406 GCL0. 010732 GREL. 010632 G20R. 010450 G25R. 010366 G50R. 010312 G27R. 010034 G37R. 007720 G60R. 007640 G60R. 007362 G90R. 007330 GLAR. 006470 GINI. 006466	..CLLR 020324 ..FX7 020210 FXM. 017364 FXALT 017472 FXCODE 017343 FXSW1 017344 FEXIT 016630 FRAD. 016072 FSLTD 015562 FPAI. 014716 FIXTA 014714 FCOMA 014521 FCHM. 014402 SETU. 014275 FLTXI 014273 ASCR 014246 NMXND 014041 GAWAI 013756 SETIN 013726 SETOUT 013632 GAMTR 013562 GETBK 013032 GR001 013036 GCLSR 013024 COPY 012276 GACOP 012276 GAPIS 012200 GADPE 011414 GXWRT 011406 GACLS 010732 GARLS 010632 GR375 007662 GARHT 007640 GR979 007454 GR991 007351 GOUTH 006474 GLRFA 006566	..FYDEE 020326 ANVRR 017533 FXALT 017504 TSMX 017506 FXSW2 017350 JEXIT 016630 FRFTB 016551 FSLIB 015554 FPAC. 014732 FPAIA 014716 FCOM 014526 FCHM 014403 RCDV 014264 LINSZ 014266 GFLG 014042 WAIT 013756 WTREC 013562 GGET 013034 GGETR 013024 GPTAK 012301 GAPTH 012301 PUTSZ 012200 OPFN 011414 GXLAB 011406 GR1A5 011042 RELSE 010632 GR37X 007737 GR99X 007366 15AUG5 007356 GINTL 006473 GRCVY 006470	..FX4 020116 FXOPT 017415 S-REG. 016720 MSX 017512 FXSW3 017354 JEXIT 016630 FXOP. 016320 FIXT. 014714 FCXTA 014723 FPARAM 014250 GET 013034 GPUTR 013024 PUTRK 012301 GAPUT 012304 GXOPN 011407 GR1A6 011134 GR390 007757 GR9A4 007424 GOUTH 006472 GAPRV 006525	..FX5 020115 FXDVCK 017455 FXDV 020010 FXPNT 017244 ERRLK 017541 FGTFH 016073 FCXT. 014724 FPACA 014731 FMDR. 014265 GAGTB 013032 GPUT 012304 GFR67 013001 GR178 011047 GR9A5 007454 GUSWH 006471

RANGE SIZE

ORIGIN	DATE	MODULE	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION
--------	------	--------	----------------	----------------	----------------	----------------

ALLOCATED CORE	000000 THRU 071777	072000				
RELUCATABLE	006466 THRU 071777	063312				
FILE	01, A3CR, 600L					200
PRMFL	03, R.S., LA61A/STARS/COMMON/DM/THREESIM					0210
TAPE9	04, A4DD, 21971, .NNN					0220
DATA	05					230
REMOTE	07					00250
TAPE9	11, A50D, 21185, .NNN					0260
TAPE9	12, A60D, 200A7, .NNN					0270

## FCR AND BUFFER SPACE

AVAILABLE	000101 THRU 006465	006365
FILE CTRL BLKS	006104 THRU 006466	000361
MAXIMUM BUFFER SPACE REQUIRED		005511

730517 F/B

29K, IS THE MINIMUM MEMORY NEEDED TO LOAD THIS ACTIVITY WITH ALL FILES OPEN

001322 LOCATIONS REQUIRED FOR LOAD TABLE  
EXECUTION PROGRAM ENTERED AT 064214 THROUGH .FSETU

SNUMR = 76230, ACTIVITY # = 01, REPORT CODE = 52, RECORD COUNT = 015884

15

IDECEDE	FILE-5 A007	A007D	15	24	24	0
FILE-5 A007	A007D	15	24	18	0	0
FILE-5 A007	A007D	29	18	6	0	0
FILE-5 A007	A007D	36	6	2	0	0
FILE-5 A007	A007D	37	72	72	72	72
FILE-5 A007	A007D	42	18	18	0	0
FILE-5 A007	A007D	55	18	18	0	0
FILE-5 A007	A007D	71	24	24	0	0
FILE-5 A007	A007D	78	18	18	0	0
FILE-5 A007	A007D	95	18	18	0	0
FILE-5 A007	A007D	121	18	18	0	0
FILE-5 A007	A007D	127	18	18	0	0
FILE-5 A007	A007D	134	18	18	0	0
FILE-5 A007	A007D	139	18	18	0	0
FILE-5 A007	A007D	140	18	18	0	0
FILE-5 A007	A007D	145	18	18	0	0
FILE-5 A007	A007D	147	36	36	0	0
FILE-5 A007	A007D	148	18	18	0	0
FILE-5 A010	A010A	8	18	18	0	0
FILE-5 A010	A010A	14	18	18	0	0
FILE-5 A010	A010A	28	76	76	76	76
FILE-5 A010	A010A	36	4	4	0	0
FILE-5 A010	A010A	44	1	1	0	0
FILE-5 A010	A010A	51	15	15	0	0
FILE-5 A010	A010A	59	18	18	0	0
FILE-5 A010	A010A	104	72	72	72	72
FILE-5 A010	A010A	107	14	14	14	14
FILE-5 A010	A010A	143	78	78	78	78
FILE-5 A010	A010A	7	24	24	0	0
FILE-5 A037	0A037H	26	18	18	0	0
FILE-5 A037	0A037H	36	4	4	0	0
FILE-5 A037	0A037H	58	18	18	0	0
FILE-5 A037	0A037H	58	24	24	0	0
FILE-5 A037	0A037H	108	18	18	0	0
FILE-5 A037	0A037H	153	9	9	0	0

FILE-5	R052	R052D	4	14	14	14
FILE-5	R052	R052D	19	33	33	33
FILE-5	R052	R052D	34	14	14	14
FILE-5	R052	R052D	61	1	1	0
FILE-5	R052	R052D	89	14	14	14
FILE-5	R052	R052G	7	30	30	30
FILE-5	R052	R052G	12	16	16	16
FILE-5	R052	R052G	20	12	12	12
FILE-5	R052	R052G	36	4	4	0
FILE-5	R052	R052G	43	16	16	16
FILE-5	R052	R052G	57	16	16	16
FILE-5	R052	R052G	90	15	15	15
FILE-5	R052	R052G	128	15	15	15
FILE-5	R052	R052G	135	15	15	15
FILE-5	R052	R052G	160	16	16	16
FILE-5	R052	R052H	40	30	30	30
FILE-5	R052	R052H	52	17	17	17
FILE-5	R052	R052H	72	20	20	20
FILE-5	R052	R052H	100	17	17	17
FILE-5	R111	FR111A	36	1	1	0
FILE-5	R111	FR111A	93	1	1	0
FILE-5	R111	FR111A	115	26	26	26
FILE-5	R111	FR111A	118	34	34	34
FILE-5	C005	C005A	2	4	4	4
FILE-5	C005	C005A	32	35	35	35
FILE-5	C005	C005A	146	35	35	35
FILE-5	C007	C007A	30	16	16	0
FILE-5	C007	C007A	51	16	16	0
FILE-5	C007	C007A	63	1	1	0
FILE-5	C007	C007A	91	16	16	0
FILE-5	C130	C130A	23	8	8	0
FILE-5	C130	C130A	49	8	8	0
FILE-5	C130	C130A	56	8	8	0
FILE-5	C130	C130A	98	8	8	0
FILE-5	C130	C130A	99	16	16	0
FILE-5	C130	C130A	106	16	16	0
FILE-5	C130	C130A	109	8	8	0
FILE-5	C130	C130A	121	8	8	0
FILE-5	C130	C130A	129	8	8	0
FILE-5	C130	C130A	134	8	8	0
FILE-5	C130	C130A	159	2	2	0
FILE-5	C130	AC130A	37	10	10	10
FILE-5	C130	C130B	10	8	8	0
FILE-5	C130	C130B	22	8	8	0
FILE-5	C130	C130B	25	8	8	0
FILE-5	C130	C130B	31	8	8	0
FILE-5	C130	C130B	35	8	8	0
FILE-5	C130	C130B	63	9	9	0
FILE-5	C130	C130B	75	16	16	0
FILE-5	C130	C130B	88	8	8	0
FILE-5	C130	C130B	150	8	8	0
FILE-5	C130	C130B	154	8	8	0
FILE-5	C130	C130D	132	8	8	0
FILE-5	C130	C130E	1	8	8	0
FILE-5	C130	C130E	3	8	8	0
FILE-5	C130	C130E	5	8	8	0
FILE-5	C130	C130E	41	10	10	10
FILE-5	C130	C130E	60	8	8	0
FILE-5	C130	C130E	64	1	1	0
FILE-5	C130	C130E	73	8	8	0
FILE-5	C130	C130E	74	6	6	6
FILE-5	C130	C130E	83	58	58	58
FILE-5	C130	C130E	92	16	16	16
FILE-5	C130	C130E	119	48	48	48
FILE-5	C130	C130E	124	16	16	0
FILE-5	C130	C130E	131	8	8	0

FILE-5 C130 C130E	150	8	8	0
FILE-5 C130 C130E	158	8	8	0
FILE-5 C130 C130F	165	16	16	16
FILE-5 C130 C130F	176	19	19	19
FILE-5 C130 C130E	182	16	16	16
FILE-5 C130 MC130E	68	5	5	5
FILE-5 C130 MC130E	159	1	1	0
FILE-5 C130 MC130E	170	4	4	4
FILE-5 C130 MC130E	176	4	4	4
FILE-5 C130 AC130E	4	3	3	3
FILE-5 C130 AC130E	74	3	3	3
FILE-5 C130 C130H	34	48	48	48
FILE-5 C130 C130H	83	13	13	13
FILE-5 C130 C130H	156	8	8	0
FILE-5 C130 AC130H	68	10	10	10
FILE-5 C130 DC130H	64	1	1	0
FILE-5 C130 MC130H	63	6	6	0
FILE-5 C130 MC130H	64	1	1	0
FILE-5 C130 MC130H	66	2	2	0
FILE-5 C130 MC130H	78	5	5	5
FILE-5 C130 MC130H	89	6	6	0
FILE-5 C130 MC130H	93	3	3	3
FILE-5 C130 MC130H	101	4	4	0
FILE-5 C130 MC130H	134	2	2	0
FILE-5 C130 MC130H	143	4	4	0
FILE-5 C130 MC130H	163	1	1	1
FILE-5 C130 MC130H	170	2	2	2
FILE-5 C130 MC130H	74	11	11	4
FILE-5 C130 MC130N	66	2	2	0
FILE-5 C130 MC130N	93	1	1	1
FILE-5 C130 MC130N	134	2	2	0
FILE-5 C130 MC130N	163	4	4	4
FILE-5 C130 MC130N	170	2	2	2
FILE-5 C131 C131A	29	1	1	0
FILE-5 C131 C131B	30	1	1	0
FILE-5 C131 C131A	45	1	1	0
FILE-5 C131 C131B	78	1	1	0
FILE-5 C131 C131B	120	1	1	0
FILE-5 C131 C131B	147	1	1	0
FILE-5 C131 C131D	11	1	1	0
FILE-5 C131 C131D	13	1	1	0
FILE-5 C131 C131D	15	1	1	0
FILE-5 C131 C131D	46	1	1	0
FILE-5 C131 C131D	48	1	1	0
FILE-5 C131 C131D	53	1	1	0
FILE-5 C131 C131D	62	1	1	0
FILE-5 C131 C131D	70	1	1	0
FILE-5 C131 C131D	71	1	1	0
FILE-5 C131 C131D	82	1	1	0
FILE-5 C131 C131D	95	1	1	0
FILE-5 C131 C131D	105	1	1	0
FILE-5 C131 C131D	108	1	1	0
FILE-5 C131 C131D	113	1	1	0
FILE-5 C131 C131D	124	1	1	0
FILE-5 C131 C131D	134	1	1	0
FILE-5 C131 C131D	142	1	1	0
FILE-5 C131 C131D	153	1	1	0
FILE-5 C131 C131D	158	18	18	0
FILE-5 C131 C131E	14	1	1	0
FILE-5 C131 C131E	26	1	1	0
FILE-5 C131 C131E	54	1	1	0
FILE-5 C131 C131E	121	1	1	0
FILE-5 C131 C131E	127	1	1	0
FILE-5 C135 C135A	111	1	1	1
FILE-5 C135 C135A	159	2	2	0
FILE-5 C135 EC135A	40	8	8	8

FILE-5	C135	EC135A	58	1	1	1
FILE-5	C135	EC135A	20	3	3	3
FILE-5	C135	EC135A	144	2	2	2
FILE-5	C135	EC135A	159	6	6	0
FILE-5	C135	EC135A	173	3	3	3
FILE-5	C135	KC135A	2	19	19	19
FILE-5	C135	KC135A	4	6	6	6
FILE-5	C135	KC135A	6	8	8	0
FILE-5	C135	KC135A	7	19	19	19
FILE-5	C135	KC135A	9	30	30	30
FILE-5	C135	KC135A	12	14	14	14
FILE-5	C135	KC135A	19	16	16	16
FILE-5	C135	KC135A	20	41	41	41
FILE-5	C135	KC135A	23	8	8	0
FILE-5	C135	KC135A	34	16	16	16
FILE-5	C135	KC135A	38	8	8	8
FILE-5	C135	KC135A	40	10	10	10
FILE-5	C135	KC135A	43	37	37	29
FILE-5	C135	KC135A	45	8	8	0
FILE-5	C135	KC135A	49	8	8	0
FILE-5	C135	KC135A	52	20	20	20
FILE-5	C135	KC135A	55	8	8	0
FILE-5	C135	KC135A	57	16	16	16
FILE-5	C135	KC135A	58	45	45	37
FILE-5	C135	KC135A	72	20	20	20
FILE-5	C135	KC135A	83	8	8	0
FILE-5	C135	KC135A	84	20	20	20
FILE-5	C135	KC135A	89	21	21	13
FILE-5	C135	KC135A	90	21	21	13
FILE-5	C135	KC135A	94	19	19	19
FILE-5	C135	KC135A	96	8	8	0
FILE-5	C135	KC135A	97	8	8	0
FILE-5	C135	KC135A	100	20	20	20
FILE-5	C135	KC135A	115	20	20	12
FILE-5	C135	KC135A	117	8	8	0
FILE-5	C135	KC135A	118	30	30	30
FILE-5	C135	KC135A	127	23	23	15
FILE-5	C135	KC135A	128	14	14	14
FILE-5	C135	KC135A	130	8	8	0
FILE-5	C135	KC135A	135	14	14	14
FILE-5	C135	KC135A	146	19	19	19
FILE-5	C135	KC135A	159	11	11	0
FILE-5	C135	KC135A	160	16	16	16
FILE-5	C135	KC135A	170	15	15	15
FILE-5	C135	C135R	5	2	2	2
FILE-5	C135	C135R	111	2	2	2
FILE-5	C135	C135R	159	5	5	0
FILE-5	C135	C135R	175	1	1	1
FILE-5	C135	KC135R	5	1	1	0
FILE-5	C135	KC135R	63	2	2	2
FILE-5	C135	KC135R	93	5	5	5
FILE-5	C135	EC135C	40	4	4	4
FILE-5	C135	EC135C	63	3	3	3
FILE-5	C135	EC135C	111	9	9	9
FILE-5	C135	KC135S	3A	2	2	2
FILE-5	C135	EC135S	137	2	2	2
FILE-5	C135	EC135S	111	2	2	2
FILE-5	C135	EC135S	111	12	12	12
FILE-5	C140	C140A	5	6	6	6
FILE-5	C140	C140A	133	4	4	0
FILE-5	C140	FILE ABORTED	--	CP		

SNUMB = 76230, ACTIVITY # = 01, REPORT CODE = 06, RECORD COUNT = 000027

EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	033265
EXP UNDERFLO	AT LOCATION	033265
EXP UNDERFLO	AT LOCATION	033265
EXP UNDERFLO	AT LOCATION	033265
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031545
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031545
EXP UNDERFLO	AT LOCATION	031545
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031553
EXP UNDERFLO	AT LOCATION	031545

\*\*\*THIS IS THE LAST TIME THE ABOVE MESSAGE WILL APPEAR\*\*\*

SNUMB = 76230, ACTIVITY # = 01, REPORT CODE = 07, RECORD COUNT = 000035

NO. OF VSL NSNS PROCESSED=	1000
NO. OF VSL NSNS PROCESSED=	2000
NO. OF VSL NSNS PROCESSED=	3000
NO. OF VSL NSNS PROCESSED=	4000
NO. OF VSL NSNS PROCESSED=	5000
NO. OF VSL NSNS PROCESSED=	6000
NO. OF VSL NSNS PROCESSED=	7000
NO. OF VSL NSNS PROCESSED=	8000
NO. OF VSL NSNS PROCESSED=	9000
NO. OF VSL NSNS PROCESSED=	10000
NO. OF VSL NSNS PROCESSED=	11000
NO. OF VSL NSNS PROCESSED=	12000
NO. OF VSL NSNS PROCESSED=	13000
NO. OF VSL NSNS PROCESSED=	14000
NO. OF VSL NSNS PROCESSED=	15000
NO. OF VSL NSNS PROCESSED=	16000
NO. OF VSL NSNS PROCESSED=	17000
NO. OF VSL NSNS PROCESSED=	18000
NO. OF VSL NSNS PROCESSED=	19000
NO. OF VSL NSNS PROCESSED=	20000
NO. OF VSL NSNS PROCESSED=	21000
NO. OF VSL NSNS PROCESSED=	22000
NO. OF VSL NSNS PROCESSED=	23000
NO. OF VSL NSNS PROCESSED=	24000
NO. OF VSL NSNS PROCESSED=	25000
NO. OF VSL NSNS PROCESSED=	26000
NO. OF VSL NSNS PROCESSED=	27000
NO. OF VSL NSNS PROCESSED=	28000

NO. OF VSL NSHS PROCESSED= 29000  
 NO. OF VSL REAUS= 24459 NO. OF APP REAUS=51936000. OF RUS REAUS= 76 NO. OF NSHS WITH SIMPLE DISI= 6072  
 NBADAPPS,NIRASE,NPROCFSS= 12503 665 13170  
 SRUCNT=335544320 NDUMMY= 581 NPICED= 6366  
 NSTMPDUP,NSTMP1,MAXRMDSS= 920 525 236  
 MXNUMDUP,MXTOTDEP= 1202 50235

SNUMB = 76230, ACTIVITY # = 02, REPORT CODE = 74, RECORD COUNT = 000103

PAGE 1

76230 02 09-05-R1 15.310

ORIGIN	DATE	MODULE	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION	ENTRY LOCATION
--------	------	--------	----------------	----------------	----------------	----------------

SUBPROGRAMS INCLUDED IN DECK.

00280

034770	08/24N	FILE	AMORTED	--	OP	
--------	--------	------	---------	----	----	--



SNUMP = 76230, ACTIVITY # = 02, REPORT CODE = 52, RECORD COUNT = 000290

CONTROLBOX	1005000180825	IPSEL=	3
DRUM F/S	1005000431167	IPSEL=	3
GUN POD	1005000566753	IPSEL=	3
ARMT SYS	1005000726612	IPSEL=	3
MOTOR HYD	1005001027987	IPSEL=	3
CONTROL	1005001051083	IPSEL=	3
CONTROL AS	1005001107197	IPSEL=	3
STRUCTURE	1005001114648	IPSEL=	3
UNLOAD DRV	1005001886968	IPSEL=	3
CABLE ASSY	1005001886969	IPSEL=	3
COMP ASSY	1005002213126	IPSEL=	3
AMMO CAN	1005002213183	IPSEL=	3
FEEDER ASSY	1005002213225	IPSEL=	3
DRUM INNER	1005002213325	IPSEL=	3
HOUSING ASSY	1005002358299	IPSEL=	3
FEED SYS	1005002392929	IPSEL=	3
ENTRANCE	1005002499828	IPSEL=	3
HOUSING	1005002767895	IPSEL=	3
EXIT UNIT	1005002790528	IPSEL=	3
ENCLOSURE	1005002863754	IPSEL=	3
CONTROL HY	1005003268701	IPSEL=	3
CHARGER GN	1005003472304	IPSEL=	3
DRIVE HYD	1005003511849	IPSEL=	3
DRIVE HYDR	1005003601731	IPSEL=	3
ENCLOSURE	1005004317724	IPSEL=	3
MOTOR HYD	1005004455911	IPSEL=	3
MOUNT PNTL	1005004508497	IPSEL=	3
CONTROLLER	1005004626523	IPSEL=	3
HYDR DR	1005004715930	IPSEL=	3
COVER ASSY	1005004715946	IPSEL=	3
FRAME ASSY	1005005202620	IPSEL=	3
LOADER ASSY	1005005267137	IPSEL=	3
HAND OFF	1005005267138	IPSEL=	3
DRUM ASSY	1005005585216	IPSEL=	3
DRUM INNER	1005005585284	IPSEL=	3
ACCESSUNIT	1005005699715	IPSEL=	3
MOTOR HYDR	1005005738197	IPSEL=	3
BOOSTER	1005005892073	IPSEL=	3
SOLENOID	1005006075981	IPSEL=	3
AMMO CAN	1005006236434	IPSEL=	3
COVER ASSY	1005006236435	IPSEL=	3
HOUSING	1005006954938	IPSEL=	3
FEEDER	1005007265650	IPSEL=	3
SWITCH	1005007314648	IPSEL=	3
ACTUATOR	1005007331301	IPSEL=	3
HOUSING	1005007398807	IPSEL=	3
VALVE	1005008796284	IPSEL=	3
ENCLOSURE	1005008840841	IPSEL=	3
	1005008890218	IPSEL=	3
HOUSING	1005008953701	IPSEL=	3
CHUTE ASSY	1005008988672	IPSEL=	3
HYD DRIVE	1005008988674	IPSEL=	3
FEEDER	1005009030751	IPSEL=	3
SU023 POD	1005009093002	IPSEL=	3
	1005009224550	IPSEL=	3
GUNM39A3LH	1005009307786	IPSEL=	3
FEEDER ASSY	1005009307787	IPSEL=	3
CYL GAS	1005009394572	IPSEL=	3
GUN M60C	1005009706111	IPSEL=	3

MOUNT INST	1005009730375	IPSEL=	3
MOUNT ASSY	1005009736141	IPSEL=	3
TRANS UNIT	1005009738A20	IPSEL=	3
AMMO BOX	1005009A98996	IPSEL=	3
CONVEYOR	1005009912607	IPSEL=	3
GEAR CASE	1005009974903	IPSEL=	3
GEARCASE	1005009974922	IPSEL=	3
FEED UNIT	1005009974947	IPSEL=	3
POD SUII	1005010280626	IPSEL=	3
DRUM ASSY	100501041A667	IPSEL=	3
ROTOR FWD	1005010429740	IPSEL=	3
TRANSFER UT	1005010446174	IPSEL=	3
DRIVEASSY	1005010463536	IPSEL=	3
ENTRANCE	1005010502735	IPSEL=	3
DRIVE ASSY	1005010502736	IPSEL=	3
TURNAROUND	1005010522784	IPSEL=	3
ACCESSUNIT	1005010525278	IPSEL=	3
CONTROL	1005010539255	IPSEL=	3
CKT CARD	1005010539257	IPSEL=	3
CKT CARD	1005010539412	IPSEL=	3
BODY ASSY	1005010556484	IPSEL=	3
DRIVE HYDR	1005010590502	IPSEL=	3
DRUM ASSY	1005010612723	IPSEL=	3
DRUM ASSY	1005010614335	IPSEL=	3
SUPPORTASY	1005010626939	IPSEL=	3
EXIT UNIT	1005010635629	IPSEL=	3
CIRCUIT CD	1010001921608	IPSEL=	3
CIRCUIT CD	1010001921614	IPSEL=	3
ACTUATOR	1010001921619	IPSEL=	3
ACT ASSY	1010001921621	IPSEL=	3
BOX ASSY	1010002274639	IPSEL=	3
GUN 40M RH	1010002435557	IPSEL=	3
LOADER LH	1010002835558	IPSEL=	3
LOADER RH	1010003143246	IPSEL=	3
FIRE MECH	1010003143247	IPSEL=	3
CONTROL	1015006244910	IPSEL=	3
MANIFOLD	1015006245937	IPSEL=	3
M72 INIT	1377000605723	IPSEL=	3
ROTARY ACT	1377000625879	IPSEL=	3
ACTUATOR	1377001257777	IPSEL=	3
REMOVER	1377002621679	IPSEL=	3
RKT CPLT	13770030A5753	IPSEL=	3
RKT CAT	1377003922706	IPSEL=	3
G KIT	1377004079649	IPSEL=	3
C KIT	1377004087468	IPSEL=	3
CARTRIDGE	137700469A518	IPSEL=	3
GUN CABLE	1377004899460	IPSEL=	3
RKT CAT	1377005006877	IPSEL=	3
M1A3 REM	1377006285179	IPSEL=	3
M3A1 REMOV	1377006285180	IPSEL=	3
M2A INIT	1377006285181	IPSEL=	3
M53 INIT	1377007319271	IPSEL=	3
REMOVER	1377007319272	IPSEL=	3
M32 INT	137700752A421	IPSEL=	3
G SENSOR	1377007970710	IPSEL=	3
M45 INITOR	1377008092959	IPSEL=	3
M27 INIT	1377008451058	IPSEL=	3
M16 THRU	1377008451059	IPSEL=	3
REMOVER M8	1377008579305	IPSEL=	3
ROTARY ACT	1377008643226	IPSEL=	3
ROTARY ACT	1377008915488	IPSEL=	3
ROTARY ACT	1377008916310	IPSEL=	3
ROTARY ACT	1377008916315	IPSEL=	3
INIT ASSY	1377008916319	IPSEL=	3
M2A2 THUIS	137700899A874	IPSEL=	3
M45A1 INIT	1377009269413	IPSEL=	3

M3A2 INTR	1377009269415	IPSEL=	3
M3A3 THRU	1377009325031	IPSEL=	3
	1377009535567	IPSEL=	3
ROCK MOTOR	1377009979241	IPSEL=	3
ROCKET MTR	1377010530586	IPSEL=	3
INITIATOR	1377010530587	IPSEL=	3
DDME	1560003094656LC	IPSEL=	3
CELL LH	1560004367591LC	IPSEL=	3
CELL RH	1560004367592LC	IPSEL=	3
CELL LH	1560004367593LC	IPSEL=	3
CELL RH	1560004367594LC	IPSEL=	3
CELL INR R	1560004367595LC	IPSEL=	3
CELL ORD R	1560004367596LC	IPSEL=	3
TANK INTER	1560004367597LC	IPSEL=	3
CELL FWD R	1560004367598LC	IPSEL=	3
FITTING	1560004367599LC	IPSEL=	3
FLOOR	156000821087ALC	IPSEL=	3
FLASK	1650004035273	IPSEL=	3
FLASK	1650004035274	IPSEL=	3
VALVE	1660000703871	IPSEL=	3
VALVE	1660001043261LS	IPSEL=	3
VALVE DIV	1660001240417	IPSEL=	3
CONTAINER	1660001691732LS	IPSEL=	3
EXCH SERVC	1660001769923LS	IPSEL=	3
FILTER ASSY	1660001952729	IPSEL=	3
CIR CD CAB	1660002381362	IPSEL=	3
VALVE	1660002422487LS	IPSEL=	3
REGULATOR	166000447010A	IPSEL=	3
RELEASE AS	1660004470240	IPSEL=	3
CHAMBER AS	1660007253330	IPSEL=	3
REGULATOR	1660007399288	IPSEL=	3
HEATER	1660009271996	IPSEL=	3
VALVE	1660009705980	IPSEL=	3
MODULATOR	1660010423234	IPSEL=	3
SENSOR	1660010656644LS	IPSEL=	3
PC CARD	1670002045759BJ	IPSEL=	3
CNVYRRLR10	1670002457867	IPSEL=	3
HOUSING ASY	1670002457868	IPSEL=	3
CNVYRRLR11	1670002457922	IPSEL=	3
CNVYRRLR12	1670002495479	IPSEL=	3
RAIL REST 6A	1670002495480	IPSEL=	3
RAIL ASSY	1670002495486	IPSEL=	3
RAIL ASY 5A	1670002496420	IPSEL=	3
WINCH ASSY	1670002496434	IPSEL=	3
CNVYRRLR14	1670002534789	IPSEL=	3
RAIL ASY 1	1670002534792	IPSEL=	3
HOUS ASY LM	1670002534795	IPSEL=	3
RAIL ASY 2	1670002534797	IPSEL=	3
RAIL ASY 5R	1670002558478	IPSEL=	3
MSN ASSY CON	1670009474539BJ	IPSEL=	3
ACCESS UNI	1730010720833UH	IPSEL=	3
REFRIGERAT	4110004098611	IPSEL=	3
COMPRESSOR	4110004098613	IPSEL=	3
COOLER ASY	411001038511A	IPSEL=	3
COOLER ADS	4130010374566	IPSEL=	3
CASE LTRP	4220001147870LS	IPSEL=	3
SURVIVAL KT	4220004680377LS	IPSEL=	3
CYL VALVE	4240000999349LS	IPSEL=	3
SLIDE CASE	4240001066350LS	IPSEL=	3
SLIDE ASSY	4240001147863LS	IPSEL=	3
VALVE ASY	4240002429384LS	IPSEL=	3
SLIDE CASAY	4240002490880LS	IPSEL=	3
SLIDE ASSY	4240002534881LS	IPSEL=	3
SLIDE ASSY	4240002863659LS	IPSEL=	3
SLIDE ESCP	4240002863660LS	IPSEL=	3
RESFRV CIR	4240004500571LS	IPSEL=	3

CHUTE	4240004910315LS	IPSEL=	3
SLIDE ASSY	4240009492072LS	IPSEL=	3
PUMP ASSY	4320000093755	IPSEL=	3
SEE27006A1	4820001451041GG	IPSEL=	3
SWITCH	4920001956973AY	IPSEL=	3
STORAGE AY	49200053688950Q	IPSEL=	3
STORAGE AY	49200053689130Q	IPSEL=	3
STIMULI AY	49200053689320Q	IPSEL=	3
SWITCH AY	49200053689410Q	IPSEL=	3
SWITCH AY	49200053689480Q	IPSEL=	3
SWITCH AY	49200053690160Q	IPSEL=	3
INTRFCE AY	49200053690170Q	IPSEL=	3
RSC TSTR	49200053887580Q	IPSEL=	3
PANEL CONT	49200054039470Q	IPSEL=	3
VOLT SFCY	49200082945290Q	IPSEL=	3
CRCTCRDASY	49350098741AABF	IPSEL=	3
CHA CAP RD	5820002549379CX	IPSEL=	3
OSCILLATOR	5820006444412CX	IPSEL=	3
MODPROUYA7	5821000367353	IPSEL=	3
CKT CARD A	5945004163436YA	IPSEL=	3
COIL RF	5950004457547AX	IPSEL=	3
MOTOR A C	6105000979965GG	IPSEL=	3
MOTOR	6105004262237	IPSEL=	3
MOTOR	6105009321922	IPSEL=	3
REGULATOR	6110005000391	IPSEL=	3
BOXPWRDSTR	6110005535163	IPSEL=	3
REG ASY HV	6110010347217	IPSEL=	3
POWER SUP	6130000146545	IPSEL=	3
PWR SUPPLY	6130000186717	IPSEL=	3
POWRSUPPLY	6130000313375	IPSEL=	3
POWERSUPPLY	6130000679732	IPSEL=	3
PWR SUPPLY	6130000976577	IPSEL=	3
PWR SUPPLY	6130001054614	IPSEL=	3
CIR CD ASY	6130001151861	IPSEL=	3
POWER SUP	6130001688552	IPSEL=	3
POWERSUPPLY	6130001998259	IPSEL=	3
PWR SUPPLY	6130002734919	IPSEL=	3
PWR SUPPLY	6130002897050	IPSEL=	3
PWR SUPPLY	6130004045019	IPSEL=	3
POWER SUPP	6130004206519	IPSEL=	3
PWR SUPPLY	6130004206520	IPSEL=	3
PWRSUP 994	6130004418703	IPSEL=	3
POWER SUP	6130004534814	IPSEL=	3
POWERSUPPLY	6130004981119	IPSEL=	3
POWER SUPP	6130005062034	IPSEL=	3
PWR SUPPLY	6130009167156	IPSEL=	3
POWER SUP	6130010109339	IPSEL=	3
POWER SUP	6130010162856	IPSEL=	3
POWER SUPP	6130010339490	IPSEL=	3
POWERSUPPL	6130010347231	IPSEL=	3
POWER SUPP	6130010422286	IPSEL=	3
POWER SUPP	6130010461723	IPSEL=	3
CIRCUIT CD	6130010530577	IPSEL=	3
POWER SUPP	6130010644300	IPSEL=	3
GENERATOR	6625000A866478F	IPSEL=	3
CKT CARD	6625001049542JZ	IPSEL=	3
CKT CARD	6625001049543JZ	IPSEL=	3
CKT CARD	6625001049544JZ	IPSEL=	3
CKT CARD	6625001049547JZ	IPSEL=	3
CKT CARD	6625001060630JZ	IPSEL=	3
CABLE ASSY	6625001068689JZ	IPSEL=	3
SWITCHMODU	6625001131589JZ	IPSEL=	3
CONT PANEL	66250026220044	IPSEL=	3
CKTCARDASY	6625004072539AY	IPSEL=	3
BOARD ASSY	66250105281480Q	IPSEL=	3
CKT CARD	6625010662271	IPSEL=	3

TIMERSEQ	6645000763050	IPSEL=	3
PWR SUP AD	6645001506526	IPSEL=	3
INDICATOR	6680005312988	IPSEL=	3
GAGE	6685005737407	IPSEL=	3
CKT CD	7025000041913	IPSEL=	3
CIRCUIT CD	7025000041914	IPSEL=	3
CIRCUIT CD	7025000043829	IPSEL=	3
CKT CD AY	7025000043831	IPSEL=	3
CKT CD	7025000043840	IPSEL=	3
CKT CD	7025000043846	IPSEL=	3
HO ASSY	7025000045592	IPSEL=	3
CKTCDAGM69	7025010031885	IPSEL=	3
CKT CD	7025010691269	IPSEL=	3
CKT CD	7025010691270	IPSEL=	3
CKT CD	7025010691271	IPSEL=	3
CKT CD	7025010691272	IPSEL=	3
CKT CD	7025010693739	IPSEL=	3
CKT CD	7025010748204	IPSEL=	3
PWB ASSY	7035001971925	IPSEL=	3
DATA EL AY	7045010031764	IPSEL=	3
CARD CKT	7050010550369	IPSEL=	3
COFFEE RRF	7310000039899	IPSEL=	3
OVEN FOOD	7310000657060	IPSEL=	3
OVEN ASSY	7310002259825	IPSEL=	3
OVEN	7310005168989	IPSEL=	3
OVEN AC	7310006343451	IPSEL=	3
COFFEE RRW	7310007023329	IPSEL=	3
OVEN AC	7310009278214	IPSEL=	3
OVEN	7310009958533	IPSEL=	3
GALLEYS-FL	7310010160966	IPSEL=	3
OVEN	7310010423006	IPSEL=	3
GALLEY	7310010580131	IPSEL=	3
VREAD,VMATCH=		13605	13605

[illegible]

-- 3 0 --

DATE 09-09-81

TIME 11.015

ID = XL C

APPENDIX G  
SOURCE CODE OF THE SETUP PROGRAM  
FOR A PARTICULAR BASE

SYSTEM ?LIST LA61A/STARS/SOURCE/DM/SETUP03

920C \*\* \*\* LA61A/STARS/SOURCE/DM/SETUP 2/4/81 FOR INPUT TO SGM

930C

940C THIS PROGRAM USES THE FOLLOWING SUBROUTINES UNDER LA61A/LMILIB

950C PIPECMP

960C EBOCMP

970C DFACTLN

980C

990C

1000       PARAMETER SIZE=600

1010       CHARACTER MDST\*15(140),MDS\*15,NSN\*18,JSMDSS\*15(140),IEC\*2

1020       CHARACTER MDSU\*15(10),NSNOUT\*18(SIZE)

1030       INTEGER LOCHDS(140),BASET(599),IFHT(599),IXMDS(140),SJ

1040       INTEGER IQPAT(140),NLRMIN(256),IXBASE(256),BASEJ,JSFHT(140)

1050       INTEGER JXMDS(140),IQPA,EIGHTWDS(8),IQPAOUT(SIZE),INITSOUT(SIZE)

1060       INTEGER MMDSU(10),IQPAU(10),IFHU(10),TWOWDS(2),LIST(SIZE)

1070       INTEGER IRANK(SIZE)

1080       REAL FAPT(140),PIPE(256),BEBO(256),BSHARE(256),FAPU(10)

1090       REAL DEMANDOUT(SIZE),FAPOUT(SIZE),RESUPOUT(SIZE),RPRATOUT(SIZE)

1100       REAL ENORSORT(SIZE),BNRTS(SIZE),DRESO(SIZE),BRESO(SIZE)

1110       LOGICAL MATCH

1120C

1130C

1140C\*\*\*\*\*

1150C\*\*\* BEGIN. READ INITIAL DATA FOR TAPE 1.

1160       READ(1)IDEDECIDE

1170       PRINT," FOR INTERACTIVE DECISION #",IDEDECIDE

1180       READ(1)NUMMDS,ILAST

1190       READ(1)(MDST(I),I=1,NUMMDS)

1200       READ(1)(LOCHDS(I),I=1,NUMMDS+1)

1210       READ(1)(BASET(I),I=1,ILAST)

1220       READ(1)(IFHT(I),I=1,ILAST)

1230C\*\*\* READ BASE, FLHRS PER A/C PER DAY, AND MDS'S.

1240       READ(5,1)BASEJ

1250       1 FORMAT(V)

1260       READ(5,1)FHPERDAY

1270       2 READ(5,1,END=9)MDS

1280C--- FIND MMDS

1290       DO 5 MMDS=1,NUMMDS

1300       IF(MDS.EQ.MDST(MMDS))GO TO 7

1310       5 CONTINUE

1320       PRINT," DIDN'T USE ",MDS," BECAUSE IT WASN'T FOUND IN LIST"

1330       GO TO 2

1340C--- FOUND MMDS. SAVE.

1350       7 MMDSU=MMDSU+1

1360       MDSU(MMDSU)=MDS

1370       MMDSU(MMDSU)=MMDS

1380       GO TO 2

1390C

1400C\*\*\* FIND FLYING HOUR PROGRAMS FOR MDS AT BASEJ.

1410       9 IF(MMDSU.EQ.0)STOP " MMDSU=0"



```

1420 PRINT," MDSU ARRAY ",(MDSU(I),I=1,NMDSU)
1430 NMDSATJ=0
1440 DO 19 IMDS=1,NMDS
1450 DO 16 I=LOCNDS(IMDS),LOCNDS(IMDS+1)-1
1460 IF(BASET(I).EQ.BASEJ)GO TO 17
1470 16 CONTINUE
1480 GO TO 19
1490C
1500C == THIS MDS IS AT BASEJ. INCREMENT NMDSATJ AND STORE MDS DATA.
1510 17 NMDSATJ=NMDSATJ+1
1520 JSMDSS(NMDSATJ)=MDST(IMDS)
1530 JSFHT(NMDSATJ)=IFHT(I)
1540 JXMDS(NMDSATJ)=IMDS
1550 DO 18 IU=1,NMDSU
1560 IF(IMDS.NE.MMDSU(IU))GO TO 18
1570 IFHU(IU)=IFHT(I)
1580 IUE=IUE+IFHT(I)
1590 18 CONTINUE
1600 19 CONTINUE
1610C--- NMDSATJ IS THE # OF MDS'S AT BASE J.
1620C--- JSMDSS IS THE ARRAY OF THESE MDS'S AND JSFHT IS THE FLYING HOURS.
1630C--- JXMDS IS THE ARRAY OF THE INDICES OF THESE MDS'S.
1640 PRINT," THE MDS'S AT THIS BASE ARE", (JSMDSS(I),I=1,NMDSATJ)
1650 PRINT," THE FLYING PROGRAMS ARE ", (JSFHT(I),I=1,NMDSATJ)
1660 PRINT," THE FLYING HOUR PROGRAMS FOR THE USED MDSS ARE"
1670 PRINT," ", (IFHU(IU),IU=1,NMDSU)
1680 PRINT," UE=",IUE
1690C
1700C
1710C*****
1720C*** BEGIN NEW COMPONENT. INITIALIZE MATCH, IQPAU, FAPU.
1730 20 MATCH=.FALSE.
1740 DO 35 IU=1,NMDSU
1750C
1760 IQPAU(IU)=0
1770 FAPU(IU)=0.
1780C
1790 35 CONTINUE
1800 READ(1,END=999)NSN,DEBO,OIMRTO,OSTRQ,IPSEL,RIP,COMPHDR,DRTIME,
1810 & OST,BRT,IHIT,NBASES,IEC,COST,REPRATE,BRCRQ,DOR,NBMDSS
1820C
1830 DO 50 I=1,IHIT
1840 READ(1)IXMDS(I),IQPAT(I),FAPT(I)
1850C
1860 DO 40 IU=1,NMDSU
1870 IF(IXMDS(I).EQ.MMDSU(IU))GO TO 45
1880 40 CONTINUE
1890 GO TO 50
1900C
1910 45 IF(NBASES).50.
1920C
1930C == COMPONENT IS INSTALLED ON MDS OF INTEREST. SAVE DATA.
1940 MATCH=.TRUE.

```

```

1950      WRITE(6,1) " "
1960      WRITE(6,1) " M,IQPA,FAP=",IXMDS(I),IQPAT(I)," ",FAPT(I)
1970      IQPAU(IU)=IQPAT(I)
1980      IF(IQPAU(IU).GT.99)IQPAU(IU)=1
1990      FAPU(IU)=FAPT(I)
2000      50 CONTINUE
2010C
2020C**** IF NOT MATCHED SKIP
2030      IF(.NOT.MATCH.OR.COMPHDR.LE.0.0005)GO TO 200
2040      MATCH=.FALSE.
2050C
2060C**** READ BASE DATA, SAVING DATA FOR THIS BASE.
2070      DO 110 J=1,NBASES
2080          READ(1)IXBASE(J),PIPE(J),NLRMIN(J),BEBO(J),BSHARE(J)
2090          IF(IXBASE(J).NE.BASEJ)GO TO 110
2100C      == THIS BASE. SAVE DATA AND SET MATCH.
2110          MATCH=.TRUE.
2120          PIPEJ=PIPE(J)
2130          EBOJ=BEBO(J)
2140          SJ=NLRMIN(J)
2150          SHAREJ=BSHARE(J)
2160      110 CONTINUE
2170      IF(.NOT.MATCH) GO TO 300
2180C
2190C**** READ BMD DATA.
2200      IF(NBMDSS).20,
2210          TSHARE=0.
2220      DO 115 IBMD=1,NBMDSS
2230          READ(1)JFORBMD,MFORBMD,BMDSHARE
2240C      == IF THIS RECORD IS FOR THIS BASE, SUM BMDSHARE OVER ALL USED.
2250          IF(BASEJ.NE.JFORBMD)GO TO 115
2260          DO 112 IU=1,NMDSU
2270              IF(MFORBMD.EQ.NMDSU(IU))TSHARE=TSHARE+BMDSHARE
2280      112 CONTINUE
2290          WRITE(6,1) " J,M,BMDSHARE=",JFORBMD,MFORBMD," ",BMDSHARE
2300C
2310      115 CONTINUE
2320          IF(SHAREJ).20,
2330          IF(PIPEJ).20,
2340          IF(SJ.EQ.0.AND.PIPEJ.GE.3.5)GO TO 400
2350C**** COMPUTE GPAM & FAP AND UPDATE TOTHR
2360          IQPA=0
2370          TQF=0.
2380          TFHU=0.
2390          DO 120 IU=1,NMDSU
2400              TQF=TQF+IQPAU(IU)*IFHU(IU)*FAPU(IU)
2410              TFHU=TFHU+IFHU(IU)
2420              IF(IQPAU(IU).GT.IQPA)IQPA=IQPAU(IU)
2430      120 CONTINUE
2440          IF(IQPA).20,
2450          FAP=TQF/(IQPA*TFHU)
2460          TOTHR=TOTHR+COMPHDR*IQPA+FAP
2470C

```

```

2480C**** COMPUTE PRORATED EBO & # SPARES AND CALCULATE RESUPP
2490   PROFACT=TSHARE/SHAREJ
2495   IF(PROFACT.GT.1.)PROFACT=1.
2500   EBOOUT=EBOJ*PROFACT
2510   INITSJ=SJ*PROFACT+.5
2520   TCOST=TCOST+INITSJ*COST
2530   IF(PROFACT.GE.0.9999.OR.SJ.EQ.0.OR.EBOJ.LE.0.)GO TO 130
2540   CALL PIPECHP(EBOOUT,INITSJ,RESUPP)
2550   GO TO 140
2560 130 RESUPP=PIPEJ*PROFACT
2570C**** WRITE OUTPUT DATA
2580 140 DEMANDS=COMPHDR
2590   IF(EBOJ.LE.0.)DEBO=0.
2600   DLAMB=0.
2610   IF(OST.GT.0.)DLAMB=OSTRQ/OST
2620   BLAMB=0.
2630   IF(BRT.GT.0.)BLAMB=BRCRQ/BRT
2640   BNRTSPCT=DLAMB/(DLAMB+BLAMB)
2650   DRESDBAYS=OST+DEBO*OIMRTO/DLAMB
2660   ARESDAYS=.041666667/REPRATE
2670   BRESDBAYS=(ARESDAYS-BNRTSPCT*DRESDBAYS)/(1.-BNRTSPCT)
2672   IF(BRESDBAYS.GE.BRT-.0001)GO TO 145
2674   WRITE(6,142)BRESDBAYS,BRT
2676 142 FORMAT(F8.3,".GT.",F8.3)
2678   BRESDBAYS=BRT
2680 145 ENORS=9999.9
2690   IF(REPRATE.GT.0)ENORS=IUE*FHPRDAY*FAP*DEMANDS/(1.-EXP(-24.
2700   &                                     *REPRATE))-FLOAT(INITSJ)/FLOAT(IGPA)
2710   NPARTS=NPARTS+1
2720   IF(NPARTS.EQ.1)WRITE(6,150)
2730   IF(ILINE.EQ.0)PRINT 150
2740 150 FORMAT("1",T27,"REMOVAL",T47,"REPAIR INITIAL",T98,
2750   & "PRORATING TOTAL TOTAL TOTAL",/," INDEX",T13,"NSN",T28,
2760   & "RATE QPA FAP RATE STOCK RESUPPLY EBO",T82,
2770   & "COST FACTOR STOCK RESUPPLY EBO",/)
2780   ILINE=ILINE+1
2790   IF(ILINE.EQ.50)ILINE=0
2800   PRINT 160,NPARTS,NSN,DEMANDS,IGPA,FAP,REPRATE,INITSJ,RESUPP,EBOOUT
2810   & ,COST,PROFACT,SJ,PIPEJ,EBOJ
2820 160 FORMAT(15,2X,A18,F8.5,14,F6.2,F9.5,16,F12.2,F7.3,F9.0,F8.4,
2830   & 17,F11.2,F8.3)
2840   WRITE(6,160)NPARTS,NSN,DEMANDS,IGPA,FAP,RPRATE,INITSJ,RESUPP,
2850   & EBOOUT,COST,PROFACT,SJ,PIPEJ,EBOJ
2860   NSNOUT(NPARTS)=NSN
2870   DEMANOUT(NPARTS)=DEMANDS
2880   IGPAOUT(NPARTS)=IGPA
2890   FAPOUT(NPARTS)=FAP
2900   RPRATOUT(NPARTS)=REPRATE
2910   INITSOUT(NPARTS)=INITSJ
2920   RESUPOUT(NPARTS)=RESUPP
2930   ENORSORT(NPARTS)=ENORS
2940   BNRTS(NPARTS)=BNRTSPCT
2950   DRESDBAYS(NPARTS)=DRESDBAYS

```

```

2960      BRESO(NPARTS)=BRESOAYS
2970      GO TO 20
2980C
2990C
3000C*****
3010C**** SKIP LOGIC *****
3020C**** READ BASE DATA & BMS DATA (IF ANY) AND SKIP.
3030  200 IF(NBASES),300,
3040      DO 250 J=1,NBASES
3050          READ(1)
3060  250 CONTINUE
3070C**** READ BMS DATA & SKIP
3080  300 IF(NBMSO),20,
3090      DO 350 I=1,NBMSO
3100          READ(1)
3110  350 CONTINUE
3120      GO TO 20
3130C
3140C
3150C*****
3160C**** BAD COMPONENT. APPLICATION MISMATCH.
3170  400 PRINT," APP. MISMATCH ON ",NSN," ",COST
3180      GO TO 20
3190C
3200C
3210C*****
3220C**** PRINT FINAL STATS
3230  999 CALL MSORTD(NPARTS,ENORSORT,IRANK)
3240      DO 2000 I=1,NPARTS
3250C
3260          IF(MOD(I,50).EQ.1)PRINT 1010
3270  1010 FORMAT("1",T27,"REMOVAL",T47,"REPAIR INITIAL",T88,
3280      & "PRORATING TOTAL TOTAL TOTAL RESUPP",/," INDEX",T13,"NSN"
3290      & ,T29,"RATE QPA FAP RATE STOCK RESUPPLY EBO",T82,
3300      & "COST FACTOR STOCK RESUPPLY EBO DAYS NORS",/)
3310      IOUT=IRANK(I)
3320      PRINT 1020,I,NSNOUT(IOUT),DEMANOUT(IOUT),IQPAOUT(IOUT),
3330      & FAPOUT(IOUT),RPRATOUT(IOUT),INITSOOUT(IOUT),RESUPOUT(IOUT)
3340      & ,(.04167/RPRATOUT(IOUT)),ENORSORT(IOUT)
3350  1020 FORMAT(I5,2X,A18,F8.5,I4,F6.2,F9.5,I6,F12.2,T121,2F6.2)
3360      WRITE(2)NSNOUT(IOUT),DEMANOUT(IOUT),IQPAOUT(IOUT),
3370      & FAPOUT(IOUT),INITSOOUT(IOUT),RESUPOUT(IOUT)
3380      & ,BNRTS(IOUT),BRESO(IOUT),DRESO(IOUT)
3390C
3400  2000 CONTINUE
3410      PRINT 3000
3420  3000 FORMAT("1 FINAL REPORT")
3430      PRINT," FOR A TOTAL OF",NPARTS," COMPONENTS"
3440      PRINT," TOTHDR=",TOTHDR," TCOST=",TCOST
3450      STOP
3460      END

```

SYSTEM ?LIST LA61A/LMILIB/PIPECMP

930C \*\* \*\* LA61A/LMILIB/PIPECMP 2/3/81 BY FMS

940C

950C THIS SUBROUTINE USES THE FOLLOWING SUBROUTINES UNDER LA61A/LMILIB

960C EBOCMP

970C DFACTLN

980C

990C

1000 SUBROUTINE PIPECMP(EBOIN,N,PIPE)

1010C\*\*\* THIS SUBROUTINE CONVERGES ON THE PIPELINE AT A CLAIMANT

1020C\*\*\* WHICH GIVES THE EBOIN W/ N SPARES AT THAT CLAIMANT

1030 IF(N).998,

1040 IF(EBOIN).998,

1050 FLOATN=FLOAT(N)

1060 PIPE=FLOATN+EBOIN-SQRT(FLOATN/6.28)

1070 CALL EBOCMP(PIPE,N,EBO)

1080 PIPELAST=PIPE

1090 EBOLAST=EBO

1100 PIPE=PIPE-EBO+EBOIN

1110 DO 100 I=1,200

1120 CALL EBOCMP(PIPE,N,EBO)

1130 IF(ABS(EBO-EBOIN).LT.0.00001)GO TO 999

1140 PIPEHOLD=PIPE

1150 PIPE=PIPE+(EBOIN-EBO)\*(PIPE-PIPELAST)/(EBO-EBOLAST)

1160 PIPELAST=PIPEHOLD

1170 EBOLAST=EBO

1180 100 CONTINUE

1190 PRINT," PIPECMP DIDN'T CONVERGE AFTER 200 ITERATIONS "

1200 PRINT," PIPE,N,EBOIN,EBOLAST=",PIPE,N,EBOIN,EBO

1210 CALL EBOCMP(PIPE,N,EBO)

1220 PRINT," EBONOW=",EBO

1230 GO TO 999

1240 998 PIPE=EBOIN

1250 999 RETURN

1260 END

SYSTEM ?LIST LA61A/LMILIB/EBOCMP

```
940C ** ** LA61A/LMILIB/EBOCMP 2/3/81 BY FMS
950C
960C THIS SUBROUTINE USES THE FOLLOWING SUBROUTINES UNDER LA61A/LMILIB
970C DFACTLN
980C -----
990C
1000 SUBROUTINE EBOCMP(PIPE,N,EB0)
1010C**** THIS SUBROUTINE COMPUTES THE EBO AT A CLAIMANT AS A FUNCTION
1020C**** OF THE PIPELINE AND THE # OF SPARES "N".
1030C
1040 FLOATN=FLOAT(N)
1050 I=N+1
1060 FLOATI=FLOATN+1.
1070 EBO=0.
1080 IF(PIPE).200.
1090 POFIG=FLOATI*ALOG(PIPE)-PIPE-SNGL(DFACTLN(I))
1100 IF(POFIG.GE.-25.) GO TO 100
1110 IF(FLOATN.LT.PIPE)EBO=PIPE-FLOATN
1120 GO TO 200
1130C
1140C**** COMPUTE EBO
1150 100 POFI=EXP(POFIG)
1160 TRMTOADD=POFI
1170C
1180C**** SUM EBO UNTIL TERMS DIMINISH BELOW ACCURACY OF ADD
1190 150 EBO=EBO+TRMTOADD
1200 FLOATI=FLOATI+1.
1210 POFI=POFI*PIPE/FLOATI
1220 TRMTOADD=(FLOATI-FLOATN)*POFI
1230 IF(TRMTOADD.GT.5.E-9*EBO)GO TO 150
1240C
1250C**** DONE
1260 200 RETURN
1270 END
```

SYSTEM ?LIST LA61A/LMILIB/DFACTLN

980C \*\* \*\* LA61A/LMILIB/DFACTLN BY MJK

990C

1000 DOUBLE PRECISION FUNCTION DFACTLN(N)

1010C\*\*\*

1020C\*\*\*\*\* THIS FUNCTION COMPUTES THE LOGARITHM (BASE E) OF

1030C\*\*\*\*\* 'N' FACTORIAL.

1040C\*\*\*

1050 PARAMETER MAXTBL=30

1060 IMPLICIT DOUBLE PRECISION(D)

1070 DIMENSION DTABLE(MAXTBL)

1080 EQUIVALENCE (DTABLE(0),DZERO)

1090C\*\*\* \*DSIGMA IS A CONSTANT = LN(SQRT(2\*PI))

1100 DATA DSIGMA/.91893 85332 04672 74178D0 /

1110C\*\*\* \*DZERO IS THE LOGARITHM (BASE E) OF 0!

1120 DATA DZERO/0.0D0/

1130C\*\*\* \*DTABLE(I) IS THE LOGARITHM (BASE E) OF I!

1140 DATA DTABLE/

1150 & 0.0D0,

1160 & .693147180559945310D0,

1170 & .179175946922805500D1,

1180 & .317805383034794562D1,

1190 & .478749174278204599D1,

1200 & .657925121201010099D1,

1210 & .852516136106541430D1,

1220 & .106046029027452502D2,

1230 & .128018274800814696D2,

1240 & .151044125730755153D2,

1250 & .175023078458738858D2,

1260 & .199872144956618862D2,

1270 & .225521638531234229D2,

1280 & .251912211827386815D2,

1290 & .278992713838408916D2,

1300 & .306718601060806728D2,

1310 & .335050734501368889D2,

1320 & .363954452080330536D2,

1330 & .393398841871994940D2,

1340 & .423356164607534850D2,

1350 & .453801388984769080D2,

1360 & .484711813518352239D2,

1370 & .516066755677643736D2,

1380 & .547847293981123192D2,

1390 & .580036052229791579D2,

1400 & .612617017610020020D2,

1410 & .645575386270063311D2,

1420 & .678897431371815349D2,

1430 & .712570389671680090D2,

1440 & .746582363488301643D2

1450 &/

1460C\*\*\*

1470C\*\*\* \*IF(N IS WITHIN THE TABLE LIMITS)

```

1480      IF((N.LT.0) .OR. (N.GT.MAXTBLE)) GO TO 100
1490C***
1500C***      *RETURN TABLE VALUE
1510      DFACTLN = DTABLE(N)
1520C***
1530C***      *ELSE (USE STIRLING'S APPROXIMATION - SEE KNUTH VOL 1,P 111)
1540      GO TO 200
1550 100      CONTINUE
1560C***
1570C***      *COMPUTE VARIOUS PARTS NEEDED FOR THE APPROXIMATION
1580      DPN = DBLE(FLOAT(N))
1590      DFACTLN = (DPN + .500)*DLOG(DPN) - DPN + DSIGMA
1600&          + 1.000/(12.000*DPN)
1610&          - 1.000/(360.000*DPN*DPN*DPN)
1620C***
1630C***      *END IF (TABLE LIMITS TEST)
1640 200      CONTINUE
1650C***
1660      RETURN
1670      END

```



APPENDIX H  
SOURCE CODE OF THE SETUP PROGRAM  
FOR A NOTIONAL BASE

SYSTEM ?LIST LA61A/STARS/SOURCE/DN/SETUPN03

```
920C ** ** LA61A/STARS/SOURCE/DN/SETUP 2/4/81 FOR INPUT TO SGM
930C
940C THIS PROGRAM USES THE FOLLOWING SUBROUTINES UNDER LA61A/LMILIB
950C PIPECMP
960C EBOCMP
970C DFACTLN
980C -----
990C
1000     PARAMETER SIZE=600
1010     CHARACTER MDST*15(140),MDS*15,NSN*18,JSNDS*15(140),IEC*2
1020     CHARACTER MDSU*15(10),NSNOUT*18(SIZE)
1030     INTEGER LOCHDS(140),BASET(599),IFHT(599),IXMDS(140),SJ
1040     INTEGER IQPAT(140),NLRMIN,IXBASE,BASEJ,JSFHT(140)
1050     INTEGER JXMDS(140),IQPA,EIGHTMDS(8),JINGROUP(256)
1060     INTEGER MMDSU(10),IQPAU(10),IFHU(10),TWMDS(2)
1070     INTEGER IQPAOUT(SIZE),INITSOOT(SIZE),LIST(SIZE),IRANK(SIZE)
1080     REAL FAPT(140),PIPE,BEBO,BSHARE,FAPU(10)
1090     REAL DEMANDOUT(SIZE),FAPOUT(SIZE),RPRATOUT(SIZE),RESPOINT(SIZE)
1100     REAL ENORSORT(SIZE),BNRTS(SIZE),DRESO(SIZE),BRESP(SIZE)
1110     LOGICAL MATCH
1120C
1130C
1140C*****
1150C**** BEGIN. READ INITIAL DATA FOR TAPE 1.
1160     READ(1)IDEDECIDE
1170     PRINT," FOR INTERACTIVE DECISION #",IDEDECIDE
1180     READ(1)NUMMDS,ILAST
1190     READ(1)(MDST(I),I=1,NUMMDS)
1200     READ(1)(LOCHDS(I),I=1,NUMMDS+1)
1210     READ(1)(BASET(I),I=1,ILAST)
1220     READ(1)(IFHT(I),I=1,ILAST)
1230C**** READ FLHRS PER A/C PER DAY, AND MDS'S.
1240     READ(5,1)FHPPERDAY
1250     1 FORMAT(V)
1260     2 READ(5,1-END=9)MDS
1270C----- FIND MMDS
1280     DO 5 MMDS=1,NUMMDS
1290         IF(MDS.EQ.MDST(MMDS))GO TO 7
1300     5 CONTINUE
1310     PRINT," DIDN'T USE ".MDS," BECAUSE IT WASN'T FOUND IN LIST"
1320     GO TO 2
1330C----- FOUND MMDS. SAVE.
1340     7 MMDSU=MMDSU+1
1350     MDSU(MMDSU)=MDS
1360     MMDSU(MMDSU)=MMDS
1370     DO 8 I=LOCHDS(MMDS),LOCHDS(MMDS+1)-1
1380         IFHU(MMDSU)=IFHU(MMDSU)+IFHT(I)
1390         IUE=IUE+IFHT(I)
1400     8 CONTINUE
1410     GO TO 2
```

```

1420C
1430 9 PRINT, " THE FLYING HOUR PROGRAMS FOR THE USED MDSS ARE"
1440 PRINT, " ", (IFHU(IU), IU=1, NMDSU)
1450 PRINT, " UE=", IUE
1460C
1470C
1480C*****
1490C*** BEGIN NEW COMPONENT. INITIALIZE MATCH, IQPAU, FAPU.
1500 20 MATCH=, FALSE.
1510 DO 35 IU=1, NMDSU
1520C
1530 IQPAU(IU)=0
1540 FAPU(IU)=0.
1550C
1560 35 CONTINUE
1570 READ(1, END=999) NSN, DEBO, OIMRTQ, OSTRQ, IPSEL, RIP, COMPHDR, DRTIME,
1580 & OST, BRT, IHIT, NBASES, IEC, COST, REPRATE, BRORQ, DDR, NBMDS
1590C
1600 DO 50 I=1, IHIT
1610 READ(1) IXMDS(I), IQPAT(I), FAPT(I)
1620C
1630 DO 40 IU=1, NMDSU
1640 IF (IXMDS(I).EQ. NMDSU(IU)) GO TO 45
1650 40 CONTINUE
1660 GO TO 50
1670C
1680 45 IF (NBASES).50,
1690C
1700C === COMPONENT IS INSTALLED ON MDS OF INTEREST. SAVE DATA.
1710 MATCH=, TRUE.
1720 WRITE(6, 1) " "
1730 WRITE(6, 1) " M, IQPA, FAP=", IXMDS(I), IQPAT(I), " ", FAPT(I)
1740 IQPAU(IU)=IQPAT(I)
1750 IF (IQPAU(IU).GT.99) IQPAU(IU)=1
1760 FAPU(IU)=FAPT(I)
1770 50 CONTINUE
1780C
1790C*** IF NOT MATCHED SKIP
1800 IF (.NOT.MATCH.OR.COMPHDR.LE.0.0005) GO TO 200
1810 MATCH=, FALSE.
1820C
1830C*** READ BASE DATA, SAVING DATA FOR THIS BASE.
1840 TPIPE=0.
1850 TBEO=0.
1860 NTSPARES=0
1870 DO 110 J=1, NBASES
1880 READ(1) IXBASE, PIPE, NLRMIN, BEBO, BSHARE
1890 TBEO=TBEO+BEBO
1900 NTSPARES=NTSPARES+NLRMIN
1910 TPIPE=TPIPE+PIPE
1920 110 CONTINUE
1930C
1940C*** READ BMDS DATA.

```

```

1950     IF(NBMDSS),20,
1960     TSHARE=0.
1970     NINGROUP=0
1980     DO 115 IBMD=1,NBMDSS
1990         READ(1),JFORBMD,MFORBMD,BMDSHARE
2000         DO 111 IU=1,NMDSU
2010             IF(MFORBMD.EQ.NMDSU(IU).AND.IQPAU(IU).GT.0)GO TO 112
2020 111     CONTINUE
2030         GO TO 115
2040C
2050C     === IMPORTANT BMD SUM TSHARE AND UPDATE NINGROUP
2060 112     TSHARE=TSHARE+BMDSHARE
2070         IF(NINGROUP),114,
2080         DO 113 I=1,NINGROUP
2090             IF(JINGROUP(I).EQ.JFORBMD)GO TO 115
2100 113     CONTINUE
2110C
2120C     === NEW BASE. INCREMENT NINGROUP AND STORE J
2130 114     NINGROUP=NINGROUP+1
2140         JINGROUP(NINGROUP)=JFORBMD
2150C
2160 115 CONTINUE
2170     IF(TSHARE),20,
2180     IF(NINGROUP),20,
2190     IF(TPIPE),20,
2200     IF(NTSPARES.EQ.0.AND.TBEBO*TSHARE.GT.3.5*NINGROUP)GO TO 400
2210C**** COMPUTE QPAM & FAP AND UPDATE TOTHDR
2220     IQPA=0
2230     TQF=0.
2240     TFHU=0.
2250     DO 120 IU=1,NMDSU
2260         TQF=TQF+IQPAU(IU)*IFHU(IU)*FAPU(IU)
2270         TFHU=TFHU+IFHU(IU)
2280         IF(IQPAU(IU).GT.IQPA)IQPA=IQPAU(IU)
2290 120 CONTINUE
2300     IF(IQPA),20,
2310     FAP=TQF/(IQPA*TFHU)
2320     TOTHDR=TOTHDR+COMPHDR*IQPA*FAP
2330C
2340C**** COMPUTE PRORATED EBO & # SPARES AND CALCULATE RESUPP
2350     PROFACT=TSHARE/NINGROUP
2360     EBOOUT=TBEBO*PROFACT
2370     INITSJ=NTSPARES*PROFACT+0.5
2380     TCOST=TCOST+INITSJ*COST
2390     IF(PROFACT.GE.0.9999.OR.INITSJ.EQ.0.OR.TBEBO.LE.0.)GO TO 130
2400     CALL PIPECMP(EBOOUT,INITSJ,RESUPP)
2410     GO TO 140
2420 130 RESUPP=TPIPE*PROFACT
2430C**** WRITE OUTPUT DATA
2440 140 DEMANDS=COMPHDR
2450     RPRATE=REPRATE
2455     IF(TBEBO.LE.0.)DEBO=0.
2460     DLAMB=0.

```

```

2470 IF(OST.GT.0.)DLAMB=OSTRQ/OST
2480 BLAMB=0.
2490 IF(BRT.GT.0.)BLAMB=BRCRQ/BRT
2500 BNRTSPCT=DLAMB/(DLAMB+BLAMB)
2510 DRESDBY=OST+DEBO*OIMRTO/DLAMB
2520 ARESDBY=.041666667/REPRATE
2530 BRESDBY=(ARESDBY-BNRTSPCT*DRESDBY)/(1.-BNRTSPCT)
2540 ENORS=9999.9
2550 IF(RPRATE.GT.0.)
2560 &ENORS=IUE*FHPERDAY*FAP*DEMANDS/(NINGROUP*(1.-EXP(-24.*RPRATE)))
2570 & -FLOAT(INITSJ)/FLOAT(IQPA)
2580 NPARTS=NPARTS+1
2590 IF(NPARTS.EQ.1)WRITE(6,150)
2600 IF(ILINE.EQ.0)PRINT 150
2610 150 FORMAT('1',T27,'REMOVAL',T47,'REPAIR INITIAL',T88,
2620 & 'PRORATING TOTAL TOTAL TOTAL',/, 'INDEX',T13,'NSN',T28,
2630 & 'RATE QPA FAP RATE STOCK RESUPPLY EBO',T82,
2640 & 'COST FACTOR STOCK RESUPPLY EBO NBASES',/)
2650 ILINE=ILINE+1
2660 IF(ILINE.EQ.50)ILINE=0
2670 PRINT 160,NPARTS,NSN,DEMANDS,IQPA,FAP,RPRATE,INITSJ,RESUPP,EBOOUT
2680 & ,COST,PROFACT,NTSPARES,TPIPE,TBEO,NINGROUP
2690 160 FORMAT(15,2X,A18,F8.5,14,F6.2,F9.5,16,F12.2,F7.3,F9.0,F8.4,
2700 & 17,F11.2,F8.3,15)
2710 WRITE(6,160)NPARTS,NSN,DEMANDS,IQPA,FAP,RPRATE,INITSJ,RESUPP,
2720 & EBOOUT,COST,PROFACT,NTSPARES,TPIPE,TBEO,NINGROUP
2730 NSNOUT(NPARTS)=NSN
2740 DEMANOUT(NPARTS)=DEMANDS
2750 IQPAOUT(NPARTS)=IQPA
2760 FAPOUT(NPARTS)=FAP
2770 RPRATOUT(NPARTS)=RPRATE
2780 INITSOUT(NPARTS)=INITSJ
2790 RESUPOUT(NPARTS)=RESUPP
2800 ENORSOUT(NPARTS)=ENORS
2810 BNRTS(NPARTS)=BNRTSPCT
2820 DRESDBY(NPARTS)=DRESDBY
2830 BRESDBY(NPARTS)=BRESDBY
2840 GO TO 20
2850C
2860C
2870C*****
2880C**** SKIP LOGIC *****
2890C**** READ BASE DATA & BMDS DATA (IF ANY) AND SKIP.
2900 200 IF(NBASES),300,
2910 DO 250 J=1,NBASES
2920 READ(1)
2930 250 CONTINUE
2940C**** READ BMDS DATA & SKIP
2950 300 IF(NBMDS),20,
2960 DO 350 I=1,NBMDS
2970 READ(1)
2980 350 CONTINUE
2990 GO TO 20

```

```

3000C
3010C
3020C*****
3030C**** BAD COMPONENT. APPLICATION MISMATCH.
3040 400 PRINT," APP. MISMATCH ON ",NSN," ",COST
3050 GO TO 20
3060C
3070C
3080C*****
3090C**** PRINT FINAL STATS
3100 999 CALL MSORTD(NPARTS,ENORSORT,IRANK)
3110 DO 2000 I=1,NPARTS
3120C
3130 IF(MOD(I,50).EQ.1)PRINT 1010
3140 1010 FORMAT("1",T27,"REMOVAL",T47,"REPAIR INITIAL",T88,
3150 & "PRORATING TOTAL TOTAL TOTAL RESUPP",/," INDEX",T13,"NSN"
3160 & ,T28,"RATE QPA FAP RATE STOCK RESUPPLY EBO",T82,
3170 & "COST FACTOR STOCK RESUPPLY EBO DAYS NORS",/)
3180 IOUT=IRANK(I)
3190 PRINT 1020,I,NSNOUT(IOUT),DEMANOUT(IOUT),IQPAOUT(IOUT),
3200 & FAPOUT(IOUT),RPRATOUT(IOUT),INITSOOUT(IOUT),RESUPOUT(IOUT)
3210 & ,(1.04167/RPRATOUT(IOUT)),ENORSORT(IOUT)
3220 1020 FORMAT(I5,2X,A18,F8.5,I4,F6.2,F9.5,I6,F12.2,T121,2F6.2)
3230 WRITE(2)NSNOUT(IOUT),DEMANOUT(IOUT),IQPAOUT(IOUT),
3240 & FAPOUT(IOUT),INITSOOUT(IOUT),RESUPOUT(IOUT)
3250 & ,BNRTS(IOUT),BRESO(IOUT),DRESO(IOUT)
3260C
3270 2000 CONTINUE
3280 PRINT 3000
3290 3000 FORMAT("1 FINAL REPORT")
3300 PRINT," FOR A TOTAL OF",NPARTS," COMPONENTS"
3310 PRINT," TOTHDR=",TOTHDR," TCOST=",TCOST
3320 STOP
3330 END

```

SYSTEM ?LIST LA61A/LMILIB/PIPECMP

930C \*\* \*\* LA61A/LMILIB/PIPECMP 2/3/81 BY FMS

940C

950C THIS SUBROUTINE USES THE FOLLOWING SUBROUTINES UNDER LA61A/LMILIB

960C EBOCMP

970C DFACTLN

980C

990C

1000 SUBROUTINE PIPECMP(EBOIN,N,PIPE)

1010C\*\*\* THIS SUBROUTINE CONVERGES ON THE PIPELINE AT A CLAIMANT

1020C\*\*\* WHICH GIVES THE EBOIN W/ N SPARES AT THAT CLAIMANT

1030 IF(N),998,

1040 IF(EBOIN),998,

1050 FLOATN=FLOAT(N)

1060 PIPE=FLOATN+EBOIN-SQRT(FLOATN/6.28)

1070 CALL EBOCMP(PIPE,N,EBO)

1080 PIPELAST=PIPE

1090 EBOLAST=EBO

1100 PIPE=PIPE-EBO+EBOIN

1110 DO 100 I=1,200

1120 CALL EBOCMP(PIPE,N,EBO)

1130 IF(ABS(EBO-EBOIN).LT.0.00001)GO TO 999

1140 PIPEHOLD=PIPE

1150 PIPE=PIPE+(EBOIN-EBO)\*(PIPE-PIPELAST)/(EBO-EBOLAST)

1160 PIPELAST=PIPEHOLD

1170 EBOLAST=EBO

1180 100 CONTINUE

1190 PRINT," PIPECMP DIDN'T CONVERGE AFTER 200 ITERATIONS "

1200 PRINT," PIPE,N,EBOIN,EBOLAST=",PIPE,N,EBOIN,EBO

1210 CALL EBOCMP(PIPE,N,EBO)

1220 PRINT," EBOIN=",EBO

1230 GO TO 999

1240 998 PIPE=EBOIN

1250 999 RETURN

1260 END

SYSTEM ?LIST LA61A/LMILIB/EBOCMP

```
940C ** ** LA61A/LMILIB/EBOCMP 2/3/81 BY FMS
950C
960C THIS SUBROUTINE USES THE FOLLOWING SUBROUTINES UNDER LA61A/LMILIB
970C DFACTLN
980C-----
990C
1000 SUBROUTINE EBOCMP(PIPE,N,EBO)
1010C*** THIS SUBROUTINE COMPUTES THE EBO AT A CLAIMANT AS A FUNCTION
1020C*** OF THE PIPELINE AND THE # OF SPARES "N".
1030C
1040 FLOATN=FLOAT(N)
1050 I=N+1
1060 FLOATI=FLOATN+1.
1070 EBO=0.
1080 IF(PIPE).200.
1090 POFILOG=FLOATI*ALOG(PIPE)-PIPE-SNGL(DFACTLN(I))
1100 IF(POFILOG.GE.-25.) GO TO 100
1110 IF(FLOATN.LT.PIPE)EBO=PIPE-FLOATN
1120 GO TO 200
1130C
1140C*** COMPUTE EBO
1150 100 POFI=EXP(POFILOG)
1160 TRNTOADD=POFI
1170C
1180C*** SUM EBO UNTIL TERMS DIMINISH BELOW ACCURACY OF ADD
1190 150 EBO=EBO+TRNTOADD
1200 FLOATI=FLOATI+1.
1210 POFI=POFI*PIPE/FLOATI
1220 TRNTOADD=(FLOATI-FLOATN)*POFI
1230 IF(TRNTOADD.GT.5.E-9*EBO)GO TO 150
1240C
1250C*** DONE
1260 200 RETURN
1270 END
```



SYSTEM 2LIST LA61A/LMILIB/DFACTLN

980C \*\* \*\* LA61A/LMILIB/DFACTLN BY MJK

990C

1000 DOUBLE PRECISION FUNCTION DFACTLN(N)

1010C\*\*\*

1020C\*\*\*\*\* THIS FUNCTION COMPUTES THE LOGARITHM (BASE E) OF

1030C\*\*\*\*\* 'N' FACTORIAL.

1040C\*\*\*

1050 PARAMETER MAXTBL=30

1060 IMPLICIT DOUBLE PRECISION(D)

1070 DIMENSION DTABLE(MAXTBL)

1080 EQUIVALENCE (DTABLE(0),DZERO)

1090C\*\*\* \*DSIGMA IS A CONSTANT = LN(SQRT(2\*PI))

1100 DATA DSIGMA/.91893 85332 04672 74178D0 /

1110C\*\*\* \*DZERO IS THE LOGARITHM (BASE E) OF 0!

1120 DATA DZERO/0.0D0/

1130C\*\*\* \*DTABLE(I) IS THE LOGARITHM (BASE E) OF I!

1140 DATA DTABLE/

1150 & 0.0D0,

1160 & .693147180559945310D0,

1170 & .179175946922805500D1,

1180 & .317805383034794562D1,

1190 & .478749174278204599D1,

1200 & .657925121201010099D1,

1210 & .852516136106541430D1,

1220 & .106046029027452502D2,

1230 & .128018274800814696D2,

1240 & .151044125730755153D2,

1250 & .175023078458738858D2,

1260 & .199872144956618862D2,

1270 & .225521638531234229D2,

1280 & .251912211827386815D2,

1290 & .278992713838408916D2,

1300 & .306718601060806728D2,

1310 & .335050734501368889D2,

1320 & .363954452080330536D2,

1330 & .393398841871994940D2,

1340 & .423356164607534850D2,

1350 & .453801388984769080D2,

1360 & .484711813518352239D2,

1370 & .516066755677643736D2,

1380 & .547847293981123192D2,

1390 & .580036052229791579D2,

1400 & .612617017610020020D2,

1410 & .645575386270063311D2,

1420 & .678897431371815349D2,

1430 & .712570389671680090D2,

1440 & .746582363488301643D2

1450 & /

1460C\*\*\*

1470C\*\*\* \*IF(N IS WITHIN THE TABLE LIMITS)

1480 IF((N.LT.0) .OR. (N.GT.MAXTBL)) GO TO 100

```

1490C***
1500C***      *RETURN TABLE VALUE
1510          DFACTLN = DTABLE(N)
1520C***
1530C***      *ELSE (USE STIRLING'S APPROXIMATION - SEE KNUTH VOL 1,P 111)
1540          GO TO 200
1550 100      CONTINUE
1560C***
1570C***      *COMPUTE VARIOUS PARTS NEEDED FOR THE APPROXIMATION
1580          DPN = DBLE(FLOAT(N))
1590          DFACTLN = (DPN + .5D0)*DLOG(DPN) - DPN + DSIGMA
1600&          + 1.0D0/(12.0D0*DPN)
1610&          - 1.0D0/(360.0D0*DPN*DPN*DPN)
1620C***
1630C***      *END IF (TABLE LIMITS TEST)
1640 200      CONTINUE
1650C***
1660          RETURN
1670          END

```

APPENDIX J  
SAMPLES OF AN SGM SPARES DATA  
BASE FOR A PARTICULAR BASE

\*\*\*\*\*  
\*\*\*\*\*

```

SSSSSS      S      SSSSS      SSSS      S      S
  S          SS      S          S  S      S  S
    S        S      SSSSS      S  S      S  S
      S      S      S      S      SSSS      S  S
        S      S      S      S      S      S  S
          S      SSS      SSSS      S      SSSS

```

\*\*\*\*\*  
\*\*\*\*\*

SS 7159U ENTERED C AT 11.796 FROM TSS/S 0-08-12

```

0001 S SNUMB 7159U
0002 S COMMENT 0529SLAY TSS CARDIN
0003 SS USERID 0529SLAY*****
0004 S IDENT 052011N2320,0529USLAY 0110
0005 S NOTE SETUP RUN FOR ABELL 120
0006 S OPTION FORTRAN 00130
0007 SS SELECT LA61A/STARS/OBJECT/DM/SETUP.0 00140
0008* S OBJECT LA61A/STARS/SOURCE/DM/SETUP 2/4/81 FOR I Y14.409090381.....00
0010 SS SELECT LA61A/LMILIB.O/PIECMPO 00150
0011* S OBJECT LA61A/LMILIB/PIECMP 2/3/81 BY FMS Y13.749090581PIECM00
0013 SS SELECT LA61A/LMILIB.O/EROCMP.O 00160
0014* S OBJECT LA61A/LMILIB/EROCMP 2/3/81 BY FMS Y13.762090581FBOCMP00
0016 SS SELECT LA61A/LMILIB.O/DFACTLNO 00170
0017* S OBJECT LA61A/LMILIB/DFACTLN BY MJK Y14.983020781DFACTL00
0019 SS SELECT LA61A/LMILIB.O/MSORTD.O 00175
0020* S OBJECT LA61A/LMILIB/MSORTD 3/6/81 BY MJK Y23.249030581MSORTD00
0022 AS EXECUTE 000180
0023 S LIMITS 39,25K,,10K 00190
0024 S TAPE9 01,A100,,26393,,### 0200
0025 SS PGMFL 02,N,S,LA61A/SLAY/DATA/F4/SEYMOUR 0210
0026 S DATA 05 220
0027 S ENDJOB 000250

```

TOTAL CARD COUNT THIS JOB = 000160

\* BEGIN ACTIVITY -01- GFLDAD 09/07/81 SW=000000000000  
INPUT STARTED WITH #26393 FOR FILE CODE 01 GE 600 RTL AFOSC 26393 26393 0001 81248 00001STM  
\* NORMAL TERMINATION AT 016053 I=5000 SW=000000000000

START	STOP	SWAP	LAPSE	FC D TYPE	BUSY	IP/AT	FP/RT	IS/NC	MS/NE	ADDRESS	T#
11.433	11.955	0.000	0.122	05 R 0191 *	5	0	1	1	1	0-08-12	
				R* R 0191 *	117	0	0	13	13	0-08-12	
				01 D TAP9	95850		0/03	7116	0	0-16-02	#26393
				02 R 0191 P	166	0	11	13	13	0-08-15	
				P* SYOUT							
				L* R 0191 *	915	0	0	624	624R	0-08-02	

LIST 118 LINES AT STA. XL  
PC-52 543 LINES AT STA. XL  
PC-06 2534 LINES AT STA. XL

PROCESSOR	I/O	CORE	TOTAL
\$ 2.74	\$ 1.65	\$ 5.42	\$ 9.81

SNUMB = 71590, ACTIVITY # = 01, REPORT CODE = 74, RECORD COUNT = 000118

ENTRY LOCATION

ENTRY LOCATION

ENTRY LOCATION

ENTRY LOCATION

ENTRY LOCATION

ENTRY LOCATION

ENTRY LOCATION

SUBPROGRAMS INCLUDED IN DECK.

00130

OPTION

FORTRAN

057674 04/03/81

057674

026352 09/05/81

026352

026170 09/05/81

026170

026064 02/07/81

026064

025626 03/05/81

025626

SUBPROGRAMS OBTAINED FROM SYSTEM LIBRARY

DLG10 025344

DLG10 025344

DLG10 025344

DLG10 025344

DLG10 025344

DLG10 025344

DLG10 025344

ALOG 025124

ALOG 025124

ALOG 025124

ALOG 025124

ALOG 025124

ALOG 025124

ALOG 025124

FBLT 024526

FBLT 024526

FBLT 024526

FBLT 024526

FBLT 024526

FBLT 024526

FBLT 024526

FBCA 024361

FBCA 024361

FBCA 024361

FBCA 024361

FBCA 024361

FBCA 024361

FBCA 024361

FPUN 023512

FPUN 023512

FPUN 023512

FPUN 023512

FPUN 023512

FPUN 023512

FPUN 023512

FRTN 023517

FRTN 023517

FRTN 023517

FRTN 023517

FRTN 023517

FRTN 023517

FRTN 023517

UCCMP 023402

UCCMP 023402

UCCMP 023402

UCCMP 023402

UCCMP 023402

UCCMP 023402

UCCMP 023402

TC 023357

TC 023357

TC 023357

TC 023357

TC 023357

TC 023357

TC 023357

PUINT 023356

PUINT 023356

PUINT 023356

PUINT 023356

PUINT 023356

PUINT 023356

PUINT 023356

A1 023344

A1 023344

A1 023344

A1 023344

A1 023344

A1 023344

A1 023344

A13 023414

A13 023414

A13 023414

A13 023414

A13 023414

A13 023414

A13 023414

A21 023422

A21 023422

A21 023422

A21 023422

A21 023422

A21 023422

A21 023422

A32 023456

A32 023456

A32 023456

A32 023456

A32 023456

A32 023456

A32 023456

A51 023342

A51 023342

A51 023342

A51 023342

A51 023342

A51 023342

A51 023342

UC160 023345

UC160 023345

UC160 023345

UC160 023345

UC160 023345

UC160 023345

UC160 023345

RCW18 023432

RCW18 023432

RCW18 023432

RCW18 023432

RCW18 023432

RCW18 023432

RCW18 023432

FPN 022440

FPN 022440

FPN 022440

FPN 022440

FPN 022440

FPN 022440

FPN 022440

FFL 022465

FFL 022465

FFL 022465

FFL 022465

FFL 022465

FFL 022465

FFL 022465

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330

IFDHC 023330



ORIGIN DATE MODULE ENTRY LOCATION ENTRY LOCATION ENTRY LOCATION ENTRY LOCATION

WELLOCATABLE 005704 THRU 061777 054074  
 \$ TAPF9 01,4100,,26393,,MM  
 \$ SHMFL 02,M,S,LAGIA/SLAY/DATA/F4/SEYMOUR  
 \$ DATA 05

FOR AND BUFFER SPACE  
 AVAILABLE 000101 THRU 005703 005603  
 FILE CTRL BLKS 005452 THRU 005704 000233  
 MAXIMUM BUFFER SPACE REQUIRED 003105

24K. IS THE MINIMUM MEMORY NEEDED TO LOAD THIS ACTIVITY WITH ALL FILES OPEN 730517 F/R  
 001260 LOCATIONS REQUIRED FOR LOAD TABLE  
 EXECUTION PROGRAM ENTERED AT 057674 THROUGH .FSETU

SNUMR = 71590, ACTIVITY # = 01, REPORT CODE = 52, RECORD COUNT = 000583

FOR INTERACTIVE DECISION # 15  
 MODU ARRAY F004E  
 THE MOD'S AT THIS BASE ARE R0526 KC135A F004C F004E 72  
 THE FLYING PROGRAMS ARE 15  
 THE FLYING HOUR PROGRAMS FOR THE USED MODS ARE

UF= 72 72



INDEX	NSN	REMOVAL RATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	REFSUPPLY	FRO	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL REFSUPPLY	TOTAL EBD
1	10950004538407	0.00107	1	1.00	0.	3	0.36	0.001	12312.	1.0000	3	0.36	0.001
2	1270000041879	0.00106	1	0.36	0.	3	0.10	0.	6659.	1.0000	3	0.10	0.
3	12700000231042	0.00064	1	1.00	0.	5	0.26	0.	4050.	1.0000	5	0.26	0.
4	12700000238954	0.00137	1	1.00	0.	4	0.28	0.	2768.	1.0000	4	0.28	0.
5	12700000238962	0.00262	1	1.00	0.	5	0.59	0.	6424.	1.0000	5	0.59	0.
6	12700000238963	0.00442	1	0.23	0.	4	0.26	0.	49238.	1.0000	4	0.26	0.
7	1270000041997	0.00441	1	1.00	0.	6	1.35	0.001	37311.	1.0000	6	1.35	0.001
8	12700001095653	0.00080	1	0.37	0.	2	0.06	0.	4306.	1.0000	2	0.06	0.
9	12700001145901	0.00136	1	0.36	0.	2	0.12	0.000	3582.	1.0000	2	0.12	0.000
10	12700001487615	0.00453	1	0.36	0.	3	0.37	0.001	46958.	1.0000	3	0.37	0.001
11	12700003482091	0.00064	1	0.37	0.	1	0.19	0.018	16460.	1.0000	1	0.19	0.018
12	1270000395215	0.00097	1	0.37	0.	1	0.12	0.007	5247.	1.0000	1	0.12	0.007
13	1270000395219	0.00099	1	0.37	0.	1	0.28	0.035	23289.	1.0000	1	0.28	0.035
14	1270000395873	0.00090	1	0.37	0.	1	0.24	0.026	29698.	1.0000	1	0.24	0.026
15	12700003528728	0.00100	1	0.37	0.	1	0.27	0.034	12255.	1.0000	1	0.27	0.034
16	12700003939141	0.00061	1	0.37	0.	1	0.09	0.004	3065.	1.0000	1	0.09	0.004
17	12700004752473	0.00077	1	0.23	0.	2	0.07	0.000	6359.	1.0000	2	0.07	0.000
18	12700004767945	0.00092	1	1.00	0.	5	0.70	0.000	9780.	1.0000	5	0.70	0.000
19	12700004767946	0.00207	1	1.00	0.	5	0.47	0.	20018.	1.0000	5	0.47	0.
20	1270000529309	0.00083	1	0.37	0.	1	0.24	0.026	1235.	1.0000	1	0.24	0.026
21	12700005518449	0.00140	1	0.37	0.	2	0.44	0.012	19279.	1.0000	2	0.44	0.012
22	12700005518451	0.00086	1	0.37	0.	2	0.22	0.002	10494.	1.0000	2	0.22	0.002
23	12700005518452	0.00737	1	0.37	0.	4	0.73	0.001	72822.	1.0000	4	0.73	0.001
24	12700005562269	0.01025	1	0.36	0.	5	1.52	0.006	78863.	1.0000	5	1.52	0.006
25	12700009160176	0.00051	1	1.00	0.	4	0.52	0.000	2594.	1.0000	4	0.52	0.000
26	12700009755895	0.00053	1	1.00	0.	3	0.22	0.	1500.	1.0000	3	0.22	0.
27	12700010298391	0.00058	1	0.37	0.	1	0.10	0.005	586.	1.0000	1	0.10	0.005
28	1270010428441	0.00071	1	0.37	0.	1	0.28	0.036	29888.	1.0000	1	0.28	0.036
29	1270010588980	0.00483	1	1.00	0.	4	0.94	0.003	37311.	1.0000	4	0.94	0.003
30	12800009338792MT	0.00156	1	1.00	0.	6	0.50	0.	4170.	0.9730	6	0.51	0.
31	12800009338793MT	0.00123	1	1.00	0.	7	0.54	0.	5764.	0.9730	7	0.56	0.
32	14300000435192MF	0.00056	1	1.00	0.	1	0.12	0.007	6207.	1.0000	1	0.12	0.007
33	14300000400341MF	0.00070	1	1.00	0.	4	0.63	0.001	1057.	1.0000	4	0.63	0.001
34	14300000780453MF	0.00422	1	1.00	0.	4	1.03	0.005	40473.	1.0000	4	1.03	0.005
35	14300001117990MF	0.00144	1	1.00	0.	4	0.95	0.003	14424.	1.0000	4	0.95	0.003
36	14300001117993MF	0.00073	1	1.00	0.	4	0.65	0.001	9210.	1.0000	4	0.65	0.001
37	14300001326677MF	0.00067	1	1.00	0.	2	0.61	0.028	11411.	1.0000	2	0.61	0.028
38	14300001330189MF	0.00057	1	1.00	0.	5	0.43	0.	1825.	1.0000	5	0.43	0.
39	14300001444284MF	0.00088	1	1.00	0.	10	2.61	0.000	1189.	1.0000	10	2.61	0.000
40	14300001444292MF	0.00081	1	1.00	0.	5	0.71	0.000	1848.	1.0000	5	0.71	0.000
41	14300001444315MF	0.00067	1	0.67	0.	3	0.41	0.001	1992.	1.0000	3	0.41	0.001
42	14300001444319MF	0.00056	1	1.00	0.	3	0.61	0.004	5512.	1.0000	3	0.61	0.004
43	14300001444333MF	0.00426	1	0.06	0.	1	0.09	0.004	23856.	1.0000	1	0.09	0.004
44	14300001444336MF	0.00137	1	0.64	0.	6	1.77	0.003	847.	1.0000	6	1.77	0.003
45	14300001444407MF	0.00102	1	1.00	0.	5	0.59	0.	1535.	1.0000	5	0.59	0.
46	14300001458910MF	0.00421	1	1.00	0.	6	0.78	0.	9292.	1.0000	6	0.78	0.
47	14300001747045MF	0.01938	1	0.06	0.	4	0.27	0.	38220.	1.0000	4	0.27	0.
48	14300001747048MF	0.01159	1	0.06	0.	4	0.16	0.	43927.	1.0000	4	0.16	0.
49	14300001790011MF	0.00053	1	0.06	0.	0	0.02	0.018	871.	1.0000	0	0.02	0.018
50	14300001840838MF	0.00349	2	0.06	0.	4	0.28	0.	2138.	1.0000	4	0.28	0.

INDEX	NSN	REMOVAL RATE	QPA	FAP	REPAIR DATE	INITIAL STOCK	RESUPPLY	ERO	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL ERO
51	1430001940072RF	0.00050	1	1.00	0.	3	0.20	0.000	6633.	1.0000	3	0.20	0.000
52	1430001946467RF	0.00084	1	1.00	0.	2	0.46	0.013	7084.	1.0000	2	0.46	0.013
53	143000219773RF	0.00059	1	1.00	0.	5	0.46	0.	536.	1.0000	5	0.46	0.
54	143000236325RF	0.01023	1	0.92	0.	6	2.28	0.012	43980.	1.0000	6	2.28	0.012
55	1430002471537RF	0.00075	1	1.00	0.	5	0.57	0.	1409.	1.0000	5	0.57	0.
56	1430002949723RF	0.00160	1	0.31	0.	3	0.23	0.001	1254.	1.0000	3	0.23	0.001
57	1430003592030RF	0.00082	1	0.06	0.	1	0.03	0.000	1667.	1.0000	1	0.03	0.000
58	1430003934750RF	0.00057	1	0.06	0.	2	0.02	0.	1291.	1.0000	2	0.02	0.
59	1430003980384RF	0.00096	1	1.00	0.	6	0.97	0.000	2893.	1.0000	6	0.97	0.000
60	1430004100445RF	0.00116	1	1.00	0.	7	0.95	0.	4449.	1.0000	7	0.95	0.
61	1430004902978RF	0.00379	1	1.00	0.	14	4.44	0.000	4285.	1.0000	16	4.64	0.000
62	1430005072644RF	0.00656	1	1.00	0.	7	1.53	0.000	29982.	1.0000	7	1.53	0.000
63	1430005072655RF	0.00721	1	0.31	0.	3	0.61	0.004	43049.	1.0000	3	0.61	0.004
64	1430005072656RF	0.00993	1	1.00	0.	15	3.48	0.	52964.	1.0000	15	3.48	0.
65	1430005203506RF	0.00438	2	0.06	0.	5	0.23	0.	12732.	1.0000	5	0.23	0.
66	1430005315163RF	0.00324	1	1.00	0.	4	0.68	0.001	10388.	1.0000	4	0.68	0.001
67	1430005957721RF	0.00061	1	0.06	0.	2	0.01	0.	1547.	1.0000	2	0.01	0.
68	1430008339603RF	0.00058	1	1.00	0.	5	0.59	0.000	3152.	1.0000	5	0.59	0.000
69	1430009328553RF	0.00128	1	1.00	0.	8	1.44	0.	932.	1.0000	8	1.44	0.
70	1430010039780RF	0.00246	1	0.94	0.	6	0.68	0.	22731.	1.0000	6	0.68	0.
71	1430010039781RF	0.00293	1	0.57	0.	6	0.51	0.	14465.	1.0000	6	0.51	0.
72	1430010039782RF	0.00101	1	0.94	0.	5	0.26	0.	14387.	1.0000	5	0.26	0.
73	1430010384963RF	0.00151	1	1.00	0.	4	1.32	0.014	1328.	1.0000	4	1.32	0.014
74	1430010387038RF	0.01700	1	1.00	0.	6	7.21	1.744	26380.	1.0000	6	7.21	1.744
75	1430010387055RF	0.00484	1	1.00	0.	3	1.74	0.143	8540.	1.0000	3	1.74	0.143
76	1430010392448RF	0.01285	1	0.31	0.	1	1.74	0.919	111207.	1.0000	1	1.74	0.919
77	1430010454699RF	0.01786	1	1.00	0.	5	8.16	3.300	40422.	1.0000	5	8.16	3.300
78	1430010533212RF	0.00135	1	1.00	0.	2	0.49	0.015	12047.	1.0000	2	0.49	0.015
79	1430010597789RF	0.00064	1	1.00	0.	1	0.29	0.037	11999.	1.0000	1	0.29	0.037
80	1430010610350RF	0.00607	1	1.00	0.	3	2.23	0.298	14900.	1.0000	3	2.23	0.298
81	1430010682150RF	0.00137	2	1.00	0.	2	0.07	0.	2126.	1.1650	2	0.06	0.
82	15600002911ARF	0.00052	1	1.00	0.	1	0.10	0.005	3360.	1.0000	1	0.10	0.005
83	1560001430930RF	0.00108	1	1.00	0.	4	1.32	0.014	1012.	1.0000	4	1.32	0.014
84	1560001430932RF	0.00227	1	1.00	0.	5	1.24	0.002	900.	1.0000	5	1.24	0.002
85	1560007883941RF	0.00066	1	1.00	0.	1	0.66	0.179	4729.	0.9730	1	0.67	0.184
86	1560007906873RF	0.00059	1	1.00	0.	1	0.24	0.026	4326.	0.9730	1	0.24	0.027
87	1560008670561RF	0.00073	2	1.00	0.	3	0.86	0.014	884.	0.9730	3	0.86	0.014
88	1560009547752RF	0.00055	2	1.00	0.	6	1.02	0.000	1547.	0.9730	6	1.02	0.000
89	1620009891992	0.00077	1	1.00	0.	3	0.25	0.001	3751.	0.9730	3	0.25	0.001
90	1630002769849	0.00180	2	1.00	0.	8	1.33	0.	1863.	0.9730	8	1.36	0.
91	163000443778	0.01676	2	1.00	0.	33	9.23	0.	3024.	0.9730	34	9.48	0.
92	1630008521432	0.00068	2	1.00	0.	54	0.74	0.	380.	0.9730	60	0.76	0.
93	1630010266543	0.00089	1	1.00	0.	4	0.62	0.001	3213.	0.9730	4	0.63	0.001
94	1650001445506RF	0.00120	2	1.00	0.	6	0.71	0.	8269.	0.9730	6	0.73	0.
95	1650003500992RF	0.00114	1	1.00	0.	6	0.74	0.	698.	0.9730	6	0.76	0.
96	1650007906855RF	0.00082	1	1.00	0.	5	0.35	0.	853.	0.9730	5	0.36	0.
97	1650008369785RF	0.00057	1	1.00	0.	4	0.21	0.	5484.	1.0000	4	0.21	0.
98	1650009243005RF	0.00075	2	1.00	0.	4	0.48	0.000	2670.	0.9730	4	0.48	0.000
99	1650009243006RF	0.00082	2	1.00	0.	6	0.42	0.	2668.	0.9730	6	0.43	0.
100	1650009995494RF	0.00085	1	1.00	0.	3	0.16	0.001	3956.	0.9730	3	0.16	0.001

INDEX	NSN	REMOVAL RATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY FHD	COST	PRIMATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FHD
101	1650010841569	0.00408	2	1.00	0.	18	3.08	27808.	1.0000	18	3.08	0.
102	1660000714255	0.00513	1	1.00	0.	19	4.57	1662.	0.9730	20	4.69	0.
103	1680000893553	0.00072	1	1.00	0.	4	0.28	3587.	0.9730	4	0.29	0.
104	1660001359566	0.00145	1	1.00	0.	7	1.42	4820.	0.9730	7	1.42	0.000
105	166000463827	0.00057	1	1.00	0.	2	0.27	1080.	0.9730	2	0.28	0.003
106	1660004950128F	0.00175	1	1.00	0.	7	1.02	4032.	0.9730	7	1.05	0.
107	1660007935799	0.00225	1	1.00	0.	10	1.35	3308.	0.9730	10	1.39	0.
108	1660009091473	0.00065	1	1.00	0.	5	0.45	2700.	0.9730	5	0.47	0.
109	1660010215625	0.00066	1	1.00	0.	6	0.41	1728.	0.9730	6	0.42	0.
110	1680004500573MF	0.00090	3	1.00	0.	5	0.71	5096.	0.9730	5	0.71	0.000
111	16800073357681S	0.00050	4	1.00	0.	7	0.51	3404.	0.9730	7	0.53	0.
112	16800105208161S	0.00103	2	1.00	0.	6	1.15	1475.	0.9730	6	1.15	0.000
113	2620000884523	0.01708	2	0.88	0.	90	28.65	299.	0.9730	93	29.44	0.
114	2620010579673	0.02334	2	0.12	0.	24	6.18	299.	0.9730	25	6.35	0.
115	2840000665740PL	0.00052	2	1.00	0.	4	0.87	606.	0.9804	4	0.87	0.002
116	2840000717410PL	0.00084	2	1.00	0.	2	2.43	24039.	0.9804	2	2.45	0.837
117	28400008846275PL	0.00053	2	1.00	0.	4	0.96	645.	0.9804	4	0.96	0.004
118	2840010269455PL	0.00083	2	1.00	0.	6	1.48	8489.	0.9804	6	1.48	0.001
119	2840010272393PL	0.00082	2	1.00	0.	6	1.32	6741.	0.9804	6	1.32	0.001
120	2910010092822YP	0.00164	1	0.45	0.	16	4.73	3864.	1.0000	16	4.73	0.000
121	2915001336007PL	0.00068	2	1.00	0.	6	1.19	7972.	1.0000	6	1.19	0.000
122	2915010847077PL	0.00055	2	1.00	0.	5	0.79	41397.	1.0000	5	0.79	0.000
123	2920010139867YP	0.00090	1	0.45	0.	8	1.69	1932.	0.9730	8	1.70	0.000
124	2935007892422	0.00064	2	1.00	0.	7	0.72	4461.	0.9730	7	0.74	0.
125	2995001598730	0.00163	2	1.00	0.	11	1.84	1249.	0.9730	11	1.89	0.
126	2995006141130PL	0.00069	2	1.00	0.	5	0.94	370.	0.9804	5	0.95	0.001
127	2995006911224	0.00179	2	1.00	0.	9	2.20	14060.	0.9730	9	2.19	0.000
128	4310010183040RF	0.00157	4	1.00	0.	18	3.14	3954.	0.9730	19	3.23	0.
129	4320000586925HS	0.00140	4	1.00	0.	4	0.27	2240.	0.9730	4	0.28	0.
130	4810000893550TP	0.00069	1	1.00	0.	4	0.80	1989.	0.9730	4	0.81	0.060
131	58210101068605	0.00218	1	1.00	0.	2	1.15	2205.	0.9730	2	1.13	0.000
132	5826000897912	0.00233	1	1.00	0.	7	0.34	1653.	0.9730	7	0.35	0.
133	58260008484847	0.00092	1	0.50	0.	5	0.22	1871.	2.5592	2	0.22	0.002
134	58260009941578	0.00050	1	1.00	0.	2	3.88	757.	0.9730	2	3.89	0.010
135	5826010183511	0.00168	2	1.00	0.	9	0.21	612.	0.9730	9	0.21	0.001
136	5826010329923	0.00056	1	1.00	0.	2	1.03	2537.	0.9730	2	1.04	0.805
137	5826010329930	0.00195	1	1.00	0.	4	1.37	67148.	1.0000	4	1.37	0.627
138	5826010395000	0.00600	1	0.31	0.	1	0.85	6251.	1.0000	1	0.85	0.069
139	5826010395013	0.00340	1	0.31	0.	2	0.32	4630.	1.0000	2	0.32	0.046
140	5826010395015	0.00113	1	0.31	0.	1	0.50	1062.	0.9730	1	0.50	0.010
141	5826010397621	0.00051	1	1.00	0.	2	1.65	25318.	1.0000	2	1.65	0.351
142	5826010401785	0.00642	1	0.31	0.	2	0.51	17505.	1.0000	1	0.51	0.112
143	5826010403093	0.00217	1	0.31	0.	1	0.08	2489.	1.0000	1	0.08	0.003
144	5826010419255	0.00094	1	0.31	0.	1	0.53	8039.	1.0000	1	0.53	0.019
145	5826010419255	0.00252	1	0.31	0.	2	0.21	6359.	1.0000	2	0.21	0.020
146	5826010419380	0.00096	1	0.31	0.	1	0.18	2400.	1.0000	1	0.18	0.016
147	5826010419381	0.00104	1	0.31	0.	1	0.26	2160.	1.0000	1	0.26	0.042
148	5826010419398	0.00122	1	0.41	0.	1	0.70	9437.	1.0000	1	0.70	0.040
149	5826010424054	0.00388	1	0.41	0.	2	0.78	2977.	1.0000	2	0.78	0.
150	5831007825305	0.00179	2	1.00	0.	15	0.78	2977.	1.0000	15	0.78	0.

INDEX	NSN	REMOVAL RATE	QPA	FAP	WFAIR RATE	INITIAL STOCK	RESUPPLY	FBO	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FBO
151	5841000656743	0.00935	1	1.00	0.	18	2.17	0.	20506.	0.9730	19	2.23	0.
152	5841000738241	0.00461	1	1.00	0.	12	1.48	0.	14368.	0.9730	12	1.52	0.
153	5865000076945FW	0.00055	4	1.00	0.	2	0.25	0.002	2438.	0.9730	2	0.25	0.002
154	5865000076945FW	0.00057	4	1.00	0.	2	0.24	0.002	5430.	0.9730	2	0.24	0.002
155	5865000094382FW	0.00055	3	1.00	0.	2	0.26	0.003	4588.	0.9730	2	0.26	0.003
156	5865000139368FW	0.00081	2	0.53	0.	1	0.01	0.	3051.	0.9730	1	0.01	0.
157	5865000139368FW	0.00125	2	0.53	0.	2	0.02	0.	14204.	0.9730	2	0.02	0.
158	5865000233292FW	0.00200	1	1.00	0.	0	0.01	0.005	4678.	0.9730	0	0.01	0.005
159	5865000454945FW	0.00059	1	1.00	0.	0	0.01	0.005	4060.	0.9730	0	0.01	0.005
160	5865000999348FW	0.00103	5	1.00	0.	2	0.55	0.021	4171.	0.9730	2	0.55	0.022
161	5865001350116FW	0.00104	6	0.84	0.	1	0.01	0.	4416.	0.9730	1	0.01	0.
162	5865001350117FW	0.00084	6	0.84	0.	0	0.01	0.012	24039.	0.9730	0	0.01	0.013
163	5865001559266FW	0.00055	10	1.00	0.	3	0.52	0.002	9603.	0.9730	3	0.53	0.002
164	5865001627944FW	0.00070	3	1.00	0.	3	0.54	0.003	2220.	0.9730	3	0.55	0.003
165	5865001641504FW	0.00097	2	0.55	0.	0	0.01	0.013	11999.	0.9730	0	0.01	0.013
166	5865001887918FW	0.00050	1	1.00	0.	0	0.00	0.005	2532.	0.9730	0	0.00	0.005
167	5865001994210FW	0.00109	4	1.00	0.	1	1.40	0.650	9144.	0.9730	1	1.43	0.668
168	586500294045FW	0.00063	2	0.55	0.	0	0.02	0.023	5076.	0.9754	0	0.02	0.023
169	5865003713348FW	0.00133	4	1.00	0.	3	0.72	0.007	4138.	0.9730	3	0.73	0.008
170	5865004095152FW	0.00112	2	1.00	0.	1	0.01	0.	690.	0.9730	1	0.01	0.
171	5865004263140FW	0.00100	4	1.00	0.	6	2.32	0.013	5400.	0.8251	7	2.96	0.016
172	5865004376027FW	0.00114	1	1.00	0.	3	0.40	0.	5082.	0.9730	3	0.40	0.
173	5865004764442FW	0.00073	4	1.00	0.	3	0.40	0.001	4443.	0.9730	3	0.40	0.001
174	5865007598099FW	0.00067	4	1.00	0.	2	0.41	0.009	4896.	0.9796	2	0.41	0.010
175	5865008685177FW	0.00081	2	0.55	0.	1	0.03	0.	2179.	0.9730	1	0.03	0.
176	5865008685230FW	0.00077	4	0.78	0.	0	0.01	0.012	3083.	0.9730	0	0.01	0.013
177	5865008685231FW	0.00139	2	0.55	0.	2	0.02	0.	2882.	0.9730	2	0.03	0.
178	5865010149262FW	0.00050	1	1.00	0.	1	0.01	0.	305.	0.9730	1	0.01	0.
179	5865010169623FW	0.00072	1	1.00	0.	5	0.21	0.	5946.	0.9964	5	0.21	0.
180	5865010211657FW	0.00132	2	1.00	0.	3	0.75	0.008	2505.	1.0000	3	0.75	0.008
181	5865010384616FW	0.00069	2	1.00	0.	10	8.40	0.550	17946.	0.9863	10	8.43	0.558
182	5865010418257FW	0.00095	2	1.00	0.	9	1.10	0.	728.	0.9964	9	1.10	0.
183	5865010481589FW	0.00055	6	1.00	0.	2	0.46	0.013	3894.	0.9730	2	0.47	0.014
184	5865010805675FW	0.00333	1	1.00	0.	7	2.66	0.008	6215.	1.0000	7	2.66	0.008
185	5865010976255FW	0.00069	2	1.00	0.	5	5.39	1.107	22725.	0.9863	5	5.41	1.122
186	586501346831FW	0.00496	1	1.00	0.	12	1.60	0.	27598.	0.9964	12	1.60	0.
187	5895001688798	0.00877	1	1.00	0.	15	1.78	0.	14550.	0.9730	15	1.83	0.
188	5895003977851	0.00243	1	0.25	0.	2	0.31	0.004	13795.	1.0000	2	0.31	0.004
189	5895003977852	0.00147	1	1.00	0.	3	0.45	0.001	1170.	1.0000	3	0.45	0.001
190	5895005205891	0.00824	1	1.00	0.	14	1.89	0.	9665.	1.0000	14	1.89	0.
191	5895007908764	0.00558	1	1.00	0.	18	1.40	0.	4765.	0.9730	19	1.44	0.
192	5895008100140	0.00909	1	1.00	0.	14	2.31	0.	3253.	1.0000	14	2.31	0.
193	5895008100189	0.00973	1	1.00	0.	24	2.85	0.	14152.	1.0000	24	2.85	0.
194	5895009190400	0.00849	2	1.00	0.	20	1.84	0.	4162.	1.0000	20	1.84	0.
195	5895009190410	0.00163	2	0.88	0.	22	0.07	0.	283.	1.0000	22	0.07	0.
196	5895009190413	0.00062	2	1.00	0.	6	1.32	0.001	7016.	1.0000	6	1.32	0.001
197	5895009245715HT	0.00234	1	0.60	0.	5	0.94	0.000	3770.	0.9730	5	0.94	0.001
198	6110000240324FW	0.00426	1	1.00	0.	15	3.12	0.	882.	1.0000	15	3.32	0.
199	6110000578394FW	0.00267	2	1.00	0.	23	3.14	0.	1669.	1.0000	23	3.14	0.
200	6110001871018FW	0.00059	1	1.00	0.	5	0.37	0.	4765.	0.9730	5	0.38	0.

INDEX	NSN	REMOVAL DATE	UPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FRU	CUST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FRU
201	6110005717654RF	0.00200	1	1.00	0.	9	1.17	0.	2829.	0.9730	9	1.21	0.
202	6115008601999EW	0.00184	5	0.19	0.	1	0.09	0.004	3180.	0.9730	1	0.09	0.004
203	6115009031256RF	0.00247	2	1.00	0.	10	1.87	0.	2930.	1.0000	10	1.87	0.
204	6115010267271EW	0.00171	4	0.29	0.	0	0.04	0.041	4200.	0.9730	0	0.04	0.042
205	6140001165963RF	0.00113	2	1.00	0.	10	1.07	0.	1100.	0.9730	10	1.10	0.
206	6605001113645	0.00084	1	1.00	0.	6	0.41	0.	349.	0.9730	6	0.42	0.
207	6605008365333	0.00847	1	0.67	0.	10	1.61	0.	20723.	0.9602	10	1.67	0.
208	6605008365335	0.01156	1	0.67	0.	16	2.49	0.	61795.	0.9797	16	2.55	0.
209	6605009458168	0.01023	1	0.67	0.	13	2.59	0.	53144.	0.9602	14	2.70	0.
210	6605009497835	0.00622	1	0.67	0.	7	1.07	0.	25516.	1.0000	7	1.07	0.
211	6605009876166	0.00085	1	0.67	0.	5	0.11	0.	1242.	0.9602	5	0.11	0.
212	6605009940194	0.01606	1	0.67	0.	12	2.67	0.	48723.	0.9602	13	2.78	0.
213	6605010787915	0.00769	1	0.33	0.	4	0.51	0.020	82187.	1.0000	4	0.51	0.
214	6610000109456RF	0.00121	1	1.00	0.	2	0.53	0.020	2473.	1.0000	2	0.53	0.020
215	6610000652766RF	0.00054	2	1.00	0.	6	0.64	0.	402.	0.9730	6	0.66	0.
216	6610000863840	0.00144	2	1.00	0.	10	1.94	0.	5197.	0.6990	15	2.78	0.
217	661000133786A	0.00070	1	1.00	0.	2	0.37	0.007	2994.	0.9730	2	0.38	0.007
218	6610001506745	0.00153	1	1.00	0.	7	0.94	0.	1147.	0.9730	7	0.97	0.
219	6610001811750	0.00058	1	1.00	0.	2	0.29	0.004	531.	0.9730	2	0.30	0.004
220	6610001812539	0.00120	2	1.00	0.	8	1.83	0.000	4119.	0.9730	8	1.83	0.000
221	6610004001201HF	0.00064	1	1.00	0.	2	0.55	0.022	1669.	1.0000	2	0.55	0.022
222	6610004001202RF	0.00096	2	0.73	0.	6	0.43	0.	33517.	0.9730	6	0.45	0.
223	6610004335240	0.00459	1	0.13	0.	12	0.46	0.013	56358.	1.0000	12	0.47	0.013
224	6610004546632RF	0.00666	1	1.00	0.	6	1.84	0.	5079.	1.0000	6	1.84	0.
225	6610004629837HF	0.00404	1	1.00	0.	7	3.09	0.059	6272.	0.9730	7	3.09	0.059
226	6610004809436RF	0.00189	1	1.00	0.	7	1.00	0.	8343.	0.9730	7	1.03	0.
227	6610007998315	0.00165	1	1.00	0.	2	0.93	0.	9594.	0.9730	2	0.96	0.
228	6610008144117RF	0.00147	1	1.00	0.	14	0.73	0.045	10407.	0.9730	14	0.73	0.045
229	6610008451070	0.00334	1	1.00	0.	9	1.72	0.	2462.	0.9730	9	1.77	0.
230	6610008831034	0.00229	1	1.00	0.	4	1.74	0.	2689.	0.9730	4	1.79	0.
231	6610009250934	0.00739	1	0.15	0.	4	0.90	0.003	1928.	0.9908	4	0.90	0.003
232	6610009250935	0.00139	1	0.15	0.	1	0.16	0.013	1819.	0.9800	1	0.17	0.013
233	6610009453112HF	0.00352	1	1.00	0.	42	20.71	0.000	1051.	0.9730	43	22.44	0.000
234	6610009539670	0.00114	1	1.00	0.	7	0.77	0.	1143.	0.9730	7	0.79	0.
235	6610009867628RF	0.00130	2	1.00	0.	11	1.55	0.	2653.	0.9730	11	1.59	0.
236	6610009942170	0.00107	1	0.67	0.	6	0.34	0.	13191.	0.9602	6	0.36	0.
237	6610009988758RF	0.00226	1	1.00	0.	5	1.50	0.006	2083.	0.9730	5	1.51	0.006
238	6610010347616	0.00133	1	1.00	0.	5	0.33	0.	17059.	0.9730	5	0.34	0.
239	6610010451020	0.00119	1	1.00	0.	4	0.82	0.002	12261.	0.9730	4	0.82	0.002
240	6615000228011	0.00271	1	1.00	0.	11	0.95	0.	9269.	0.9730	11	0.97	0.
241	6615000593851	0.00608	1	1.00	0.	26	4.64	0.	7354.	0.9730	27	4.77	0.
242	6615003739254RF	0.00080	1	1.00	0.	5	0.42	0.	4356.	0.9730	5	0.43	0.
243	6615004200066RF	0.00051	3	1.00	0.	4	0.64	0.001	2070.	0.9730	4	0.64	0.001
244	6615005905172RF	0.00148	1	1.00	0.	5	0.35	0.	1779.	0.9730	5	0.36	0.
245	6615006000969RF	0.00065	1	1.00	0.	4	0.61	0.000	767.	0.9730	4	0.61	0.000
246	6615007202931	0.00054	1	1.00	0.	3	0.24	0.	5745.	0.9730	3	0.25	0.
247	6615008699834	0.00082	1	1.00	0.	4	0.31	0.	957.	0.9730	4	0.31	0.
248	6615009825301	0.00147	1	1.00	0.	8	0.70	0.	957.	0.9730	8	0.72	0.
249	6615010159559RF	0.00396	1	0.70	0.	9	0.60	0.	957.	0.9618	9	0.62	0.
250	6615010520422RF	0.00107	1	1.00	0.	4	0.46	0.000	957.	0.9730	4	0.46	0.000

INDEX	NSN	REMOVAL RATE	OPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FRI	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL ERO
251	6615010520423RF	0.00065	1	1.00	0.	3	0.52	0.002	800.	0.9730	3	0.52	0.002
252	6615010546075RF	0.00167	1	1.00	0.	8	1.95	0.000	957.	0.9730	8	1.96	0.000
253	6615010709243RF	0.00399	1	0.30	0.	1	0.38	0.063	58316.	1.0000	1	0.38	0.063
254	6620005538827	0.00082	2	1.00	0.	9	0.90	0.	2575.	0.9730	9	0.93	0.
255	664500872212A	0.00041	1	1.00	0.	3	0.39	0.001	2777.	0.9730	3	0.39	0.001
256	6680006518045	0.00332	1	1.00	0.	18	2.51	0.	855.	0.9730	19	2.58	0.
257	6680008800844RF	0.00051	2	1.00	0.	6	0.60	0.	2143.	0.9730	6	0.62	0.
258	6685001159606RF	0.00061	1	1.00	0.	4	0.37	0.	3676.	0.9730	4	0.38	0.
259	6685006845176	0.00119	2	1.00	0.	14	1.73	0.	704.	0.9730	14	1.78	0.
260	6710002600300	0.00063	1	1.00	0.	4	0.26	0.	2658.	1.0000	4	0.26	0.
261	6720001034963	0.00066	1	0.52	0.	10	0.23	0.	3985.	1.0000	10	0.23	0.
262	6760004051090	0.00182	1	1.00	0.	4	0.88	0.002	1514.	1.0000	4	0.88	0.002

INDEX	NSN	REMOVAL RATE	OPA	FAP	REPAIR RATE	INITIAL STOCK	RFSUPPLY	FBO	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RFSUPPLY	TOTAL FBO	RFSUPP DAYS	NORS
1	14300104546998F	0.01786	1	1.00	0.00547	5	8.16							7.61	26.34
2	14300103870388F	0.01700	1	1.00	0.00589	6	7.21							7.07	21.84
3	2620000884523	0.01708	2	0.88	0.00231	90	28.65							18.00	15.09
4	5865001994210EW	0.00109	4	1.00	0.00146	1	1.40							28.54	6.59
5	14300103992488F	0.01285	1	0.31	0.00534	1	1.74							7.74	6.09
6	461000046298378F	0.00404	1	1.00	0.00316	6	3.09							13.20	5.96
7	14300106103508F	0.00607	1	1.00	0.00694	3	2.23							6.00	5.54
8	1430000463778	0.01676	2	1.00	0.00753	33	9.23							5.53	5.39
9	1270010588980	0.00483	1	1.00	0.00491	4	0.94							8.48	5.39
10	5826010395000	0.00600	1	0.31	0.00322	1	1.37							12.94	4.40
11	5826010401785	0.00692	1	0.31	0.00315	2	1.65							13.22	4.36
12	14300103870558F	0.00484	1	1.00	0.00694	3	1.74							6.00	3.81
13	5826010183511	0.00168	2	1.00	0.00186	9	3.88							22.38	3.78
14	14300023563258F	0.01023	1	0.92	0.00976	6	2.28							4.27	3.73
15	2840000717414PL	0.00084	2	1.00	0.00180	2	2.43							23.13	3.30
16	5865000233292EW	0.00200	1	1.00	0.00613	0	0.01							6.80	3.16
17	5865003713348EW	0.00133	4	1.00	0.00320	3	0.72							13.03	3.13
18	1270000641997	0.00441	1	1.00	0.00487	6	1.35							8.55	2.62
19	6115000681998EW	0.00184	5	0.19	0.00119	1	0.09							35.04	2.48
20	5865000999348EW	0.00103	5	1.00	0.00346	2	0.55							12.05	2.40
21	66100081041178F	0.00147	1	1.00	0.00327	2	0.73							12.74	2.21
22	1660000714255	0.00513	1	1.00	0.00224	19	4.57							18.63	2.20
23	5865000854945EW	0.00059	1	1.00	0.00286	0	0.01							18.57	1.91
24	15600078839418F	0.00666	1	1.00	0.00216	1	0.66							19.33	1.84
25	5865001627964EW	0.00070	3	1.00	0.00234	3	0.54							17.83	1.77
26	5865007598098EW	0.00067	4	1.00	0.00277	2	0.41							15.02	1.74
27	1270005562269	0.00125	1	0.36	0.00538	5	1.52							7.74	1.58
28	6115010267271EW	0.00171	4	0.29	0.00302	0	0.04							13.78	1.52
29	5821010686605	0.00218	1	1.00	0.00603	2	0.80							6.91	1.50
30	5865010481589EW	0.00055	6	1.00	0.00281	2	0.46							14.83	1.50
31	5865001887918EW	0.00050	1	1.00	0.00324	0	0.00							12.86	1.46
32	58650004095152EW	0.00112	2	1.00	0.00578	1	0.01							7.20	1.37
33	5826010395013	0.00340	1	0.31	0.00294	2	0.85							14.19	1.34
34	61100099887588F	0.00226	1	1.00	0.00339	5	1.50							12.29	1.24
35	5865004376027EW	0.00118	1	1.00	0.00260	3	0.01							16.00	1.19
36	43100101830408F	0.00157	1	1.00	0.00281	4	1.18							14.81	1.19
37	16800045005738F	0.00090	3	1.00	0.00297	5	0.71							14.01	1.16
38	5865004764442EW	0.00073	4	1.00	0.00374	3	0.40							11.14	1.09
39	5826010403093	0.00217	1	0.31	0.00301	1	0.51							13.84	1.09
40	5865001559266EW	0.00055	10	1.00	0.00379	3	0.52							10.99	1.06
41	66050099880190	0.00606	1	0.47	0.00819	12	2.67							5.09	1.03
42	5865001350117EW	0.00084	6	0.84	0.00665	0	0.01							6.26	1.03
43	2620010579673	0.02344	2	0.12	0.00198	24	6.18							21.00	1.01
44	5865003294045EW	0.00063	2	0.55	0.00324	0	0.02							12.86	0.99
45	5865000076945EW	0.00055	4	1.00	0.00360	2	0.25							11.57	0.93
46	14300106821508F	0.00137	2	1.00	0.00694	2	0.07							6.00	0.92
47	14300103849638F	0.00151	1	1.00	0.00287	4	1.32							14.54	0.92
48	5865001350116EW	0.00104	6	0.84	0.00809	1	0.01							5.15	0.90
49	5865000076949EW	0.00057	4	1.00	0.00403	2	0.24							10.33	0.83
50	5865000094382EW	0.00055	3	1.00	0.00350	2	0.26							11.89	0.82

INDEX	NSN	REMOVAL DATE	UPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	ERO	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL ERO	RESUPP DAYS	MURS
51	5826010420054	0.00388	1	0.31	0.00411	2	0.70							10.13	0.77
52	5865000685177FW	0.00081	2	0.55	0.00342	1	0.03							12.19	0.72
53	1430004902978RF	0.00379	1	1.00	0.00209	16	4.64							19.90	0.70
54	5865000685230FW	0.00077	4	0.78	0.00962	0	0.01							4.33	0.63
55	5865001681504FW	0.00097	2	0.55	0.00872	0	0.01							4.78	0.61
56	6615010709243RF	0.00399	1	0.30	0.00742	1	0.38							5.62	0.58
57	2995006911224	0.00179	2	1.00	0.00331	9	2.20							12.58	0.57
58	5865010976255FW	0.00069	2	1.00	0.00706	5	5.39							20.18	0.56
59	5865010211657FW	0.00132	2	1.00	0.00649	3	0.75							6.42	0.48
60	5865010149262FW	0.00050	1	1.00	0.00321	1	0.01							13.00	0.47
61	1650010841564	0.00408	2	1.00	0.00411	18	3.08							10.13	0.37
62	1560008670561RF	0.00073	2	1.00	0.00380	3	0.86							10.97	0.31
63	5865004263144FW	0.00100	4	1.00	0.00549	6	2.32							7.59	0.25
64	5826010395015	0.00113	1	0.31	0.00261	1	0.32							15.95	0.25
65	1650001486506RF	0.00120	2	1.00	0.00347	6	0.71							12.00	0.24
66	1430001326677RF	0.00067	1	1.00	0.00280	2	0.61							14.91	0.23
67	1650009243005RF	0.00075	2	1.00	0.00320	4	0.48							13.01	0.19
68	5826010419255	0.00252	1	0.31	0.00337	2	0.53							12.35	0.17
69	5865008685231FW	0.00139	2	0.55	0.00638	2	0.02							6.54	0.16
70	1270010428441	0.00071	1	0.37	0.00209	1	0.28							19.98	0.16
71	6615010546075RF	0.00167	1	1.00	0.00189	8	1.95							22.02	0.14
72	1560007906873RF	0.00059	1	1.00	0.00496	1	0.24							8.41	0.14
73	1270003528728	0.00100	1	0.37	0.00305	1	0.27							13.64	0.14
74	5826010397621	0.00051	1	1.00	0.00221	2	0.50							18.83	0.13
75	1270003495219	0.00099	1	0.37	0.00303	1	0.28							13.74	0.13
76	1430010597789RF	0.00064	1	1.00	0.00559	1	0.29							7.45	0.10
77	1430000740463RF	0.00422	1	1.00	0.01052	4	1.03							3.96	0.08
78	1270003495873	0.00090	1	0.37	0.00285	1	0.24							14.64	0.08
79	1430001790011RF	0.00053	1	0.66	0.00423	0	0.02							9.85	0.07
80	6615004204046RF	0.00051	3	1.00	0.00347	4	0.64							12.01	0.06
81	6610000109356RF	0.00121	1	1.00	0.00568	2	0.53							7.33	0.06
82	5826010419398	0.00122	1	0.31	0.00342	1	0.26							12.18	0.03
83	143000144336RF	0.00137	1	0.69	0.00143	6	1.77							29.08	0.03
84	1270005429309	0.00083	1	0.37	0.00290	1	0.24							14.35	-0.02
85	6610004001201RF	0.00064	1	1.00	0.00306	2	0.55							13.63	-0.03
86	5865000139369FW	0.00125	2	0.53	0.00681	2	0.02							6.12	-0.06
87	1430010533212RF	0.00135	1	1.00	0.00694	2	0.49							6.00	-0.10
88	6610004335240	0.00459	1	0.13	0.00295	2	0.46							14.15	-0.11
89	1270003482091	0.00064	1	0.37	0.00253	1	0.19							16.49	-0.13
90	6610001812539	0.00120	2	1.00	0.00288	8	1.83							14.45	-0.14
91	5826010419480	0.00096	1	0.31	0.00343	1	0.21							12.15	-0.19
92	5865000139368FW	0.00081	2	0.53	0.01561	1	0.01							2.67	-0.21
93	1270005518449	0.00140	1	0.37	0.00274	2	0.44							14.97	-0.26
94	5826010419481	0.00104	1	0.31	0.00424	1	0.18							9.83	-0.28
95	5895009190413	0.00062	2	1.00	0.00213	6	1.32							19.52	-0.30
96	6610009250935	0.00139	1	0.15	0.00291	1	0.16							14.32	-0.33
97	1430001946467RF	0.00084	1	1.00	0.00483	2	0.46							8.62	-0.35
98	2440000846275PI	0.00053	2	1.00	0.00299	4	0.96							13.92	-0.36
99	6610001337868	0.00070	1	1.00	0.00405	2	0.37							10.28	-0.38
100	1560001430432RF	0.00227	1	1.00	0.00469	5	1.24							8.88	-0.40



INDEX	NSN	REMOVAL RATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY FRI	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL ERO	RESUPP DAYS	NUMS
101	58A5010405675FM	0.00333	1	1.00	0.00482	7	2.66						8.65	-0.41
102	2840010269455PL	0.00083	2	1.00	0.00303	6	1.48						13.74	-0.43
103	1430005072655RF	0.00721	1	0.31	0.00868	3	0.61						4.80	-0.44
104	6610009250934	0.00739	1	0.15	0.00291	4	0.90						14.31	-0.45
105	16A0010520916LS	0.00103	2	1.00	0.00380	6	1.15						10.95	-0.46
106	1270003495215	0.00097	1	0.37	0.00640	1	0.12						6.51	-0.46
107	1430000435192RF	0.00056	1	1.00	0.01063	1	0.12						3.92	-0.46
108	143000117990RF	0.00144	1	1.00	0.00387	4	0.95						10.77	-0.50
109	1560000629118RF	0.00052	1	1.00	0.01113	1	0.10						3.74	-0.52
110	16A0001359566	0.00185	1	1.00	0.00265	7	1.42						15.71	-0.54
111	1270010298391	0.00058	1	0.37	0.00493	1	0.10						8.46	-0.58
112	1270003930141	0.00061	1	0.37	0.00533	1	0.09						7.81	-0.59
113	6610010451020	0.00119	1	1.00	0.00329	6	1.32						12.67	-0.61
114	2840010272193PL	0.00082	2	1.00	0.00319	4	0.82						13.05	-0.61
115	143000144333RF	0.00426	1	0.06	0.00631	1	0.09						6.61	-0.61
116	2840006865740PL	0.00052	2	1.00	0.00351	4	0.87						11.86	-0.61
117	16A000733576813	0.00050	4	1.00	0.00423	7	0.51						9.84	-0.62
118	5826010408428	0.00094	1	0.31	0.00819	1	0.08						5.09	-0.65
119	661001011750	0.00058	1	1.00	0.00408	2	0.29						10.22	-0.66
120	6605009458168	0.01023	1	0.67	0.00534	13	2.59						7.80	-0.69
121	5826010329930	0.00195	1	1.00	0.00576	4	1.03						7.23	-0.73
122	143000144284RF	0.00088	1	1.00	0.00086	10	2.61						48.34	-0.74
123	1430005072644RF	0.00656	1	1.00	0.01070	7	1.53						3.89	-0.74
124	1630002769849	0.00180	2	1.00	0.00532	8	1.33						7.43	-0.76
125	5895003977851	0.00243	1	0.25	0.00466	2	0.31						8.94	-0.76
126	1430001443319RF	0.00056	1	1.00	0.00233	3	0.61						17.92	-0.78
127	1560009547752RF	0.00055	2	1.00	0.00230	6	1.02						18.12	-0.78
128	2995006141130PL	0.00069	2	1.00	0.00380	5	0.94						10.97	-0.80
129	6615010520423RF	0.00065	1	1.00	0.00275	3	0.52						15.16	-0.81
130	16A0004463827	0.00057	1	1.00	0.00455	2	0.27						9.16	-0.81
131	2915001388007PL	0.00068	2	1.00	0.00292	6	1.19						14.25	-0.84
132	4320000586925HS	0.00160	4	1.00	0.00418	18	3.14						9.97	-0.88
133	6115009031256RF	0.00247	2	1.00	0.00579	10	1.87						7.20	-0.89
134	1430003592030RF	0.00082	1	0.06	0.00460	1	0.03						9.06	-0.90
135	1270005518452	0.00737	1	0.37	0.00890	4	0.73						4.68	-0.94
136	2915010887077PL	0.00055	2	1.00	0.00347	5	0.79						12.00	-1.03
137	5826009941578	0.00050	1	1.00	0.00503	2	0.22						8.28	-1.04
138	1650009243006RF	0.00082	2	1.00	0.00395	6	0.42						10.55	-1.05
139	1270005518451	0.00086	1	0.37	0.00319	2	0.22						13.08	-1.07
140	5826000897912	0.00233	1	1.00	0.00372	7	1.15						11.21	-1.11
141	6605010787915	0.00769	1	0.33	0.00877	4	0.51						4.75	-1.11
142	5826010329923	0.00056	1	1.00	0.00628	2	0.21						6.64	-1.13
143	1560001430930RF	0.00108	1	1.00	0.00355	4	1.32						11.72	-1.14
144	1430005315163RF	0.00324	1	1.00	0.01170	4	0.68						3.56	-1.14
145	5895003977852	0.00147	1	1.00	0.00789	3	0.45						5.28	-1.16
146	6610004001202RF	0.00096	2	0.73	0.00368	6	0.43						11.32	-1.21
147	143000298723RF	0.00160	1	0.31	0.00269	3	0.43						15.47	-1.29
148	1650000995494RF	0.00085	1	1.00	0.00477	3	0.36						8.74	-1.30
149	1270001487615	0.00453	1	0.36	0.00972	3	3.48						4.29	-1.31
150	1430005072656RF	0.00993	1	1.00	0.00711	15	3.48						5.86	-1.33

INDEX	NSN	REMOVAL RATE	OPA	FAP	WEPAIR RATE	INITIAL STOCK	RESUPPLY	FRU	COST	PROPRATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FRU	RESUPP DAYS
151	5990002445715NT	0.00234	1	0.60	0.00365	5	0.94							11.42 -1.38
152	1620009491992	0.00077	1	1.00	0.00455	3	0.35							9.16 -1.39
153	6645008722128	0.00061	1	1.00	0.00358	3	0.39							11.63 -1.41
154	6615006000969HF	0.00065	1	1.00	0.00231	4	0.61							18.01 -1.42
155	1630010266543	0.00089	1	1.00	0.00326	4	0.62							12.78 -1.44
156	1270001185901	0.00136	1	0.36	0.00906	2	0.12							4.60 -1.46
157	2995001598730	0.00163	2	1.00	0.00380	11	1.84							10.95 -1.46
158	1430001834083RF	0.00349	2	0.06	0.00369	4	0.28							11.30 -1.47
159	1430001444315RF	0.00067	1	0.67	0.00286	3	0.41							14.55 -1.54
160	661000657276RF	0.00054	2	1.00	0.00366	6	0.64							11.37 -1.61
161	1095004538407	0.00107	1	1.00	0.00758	3	0.36							5.50 -1.61
162	1430000600341RF	0.00070	1	1.00	0.00273	4	0.63							15.25 -1.62
163	1270001095653	0.00080	1	0.37	0.00771	2	0.06							5.41 -1.62
164	1430001117993RF	0.00073	1	1.00	0.00288	4	0.65							14.45 -1.65
165	6640008400449RF	0.00051	2	1.00	0.00372	6	0.60							11.20 -1.72
166	1270004752473	0.00077	1	0.23	0.00644	2	0.07							6.47 -1.73
167	6760000051090	0.00182	1	1.00	0.00807	4	0.48							5.16 -1.77
168	2935007492422	0.00064	2	1.00	0.00357	7	0.72							11.66 -1.83
169	1430003934750RF	0.00057	1	0.06	0.00360	2	0.02							11.58 -1.91
170	6615007202931	0.00054	1	1.00	0.00480	3	0.24							8.68 -1.92
171	6610000863840	0.00144	2	1.00	0.00486	10	1.94							9.34 -1.94
172	1430004957721RF	0.00061	1	0.06	0.00694	2	0.01							6.00 -1.95
173	1270009160176	0.00051	1	1.00	0.00237	4	0.52							17.56 -2.03
174	6615010520422RF	0.00107	1	1.00	0.00520	4	0.66							8.01 -2.04
175	6645008365333	0.00847	1	0.67	0.00697	10	1.61							5.98 -2.04
176	1430005203506RF	0.00434	2	0.06	0.00563	5	0.23							7.40 -2.05
177	1270009755895	0.00053	1	1.00	0.00552	3	0.22							7.55 -2.07
178	6610009867628RF	0.00130	2	1.00	0.00362	11	1.55							11.51 -2.14
179	58650103844616EM	0.00069	2	1.00	0.00232	10	8.40							17.95 -2.23
180	1430001940072RF	0.00050	1	1.00	0.00660	3	0.20							6.32 -2.26
181	6605009997835	0.00622	1	0.67	0.00886	7	1.07							4.70 -2.30
182	1270004767945	0.00092	1	1.00	0.00321	5	0.70							13.00 -2.31
183	6645001159606RF	0.00061	1	1.00	0.00353	4	0.37							11.80 -2.37
184	1660004959012RF	0.00175	1	1.00	0.00355	7	1.02							11.74 -2.38
185	6105002620432RF	0.00426	1	1.00	0.00316	15	3.32							13.20 -2.40
186	127000238962	0.00262	1	1.00	0.01021	5	0.59							4.08 -2.40
187	1430001444292RF	0.00081	1	1.00	0.00294	5	0.71							14.16 -2.43
188	6620005538827	0.00082	2	1.00	0.00389	9	0.90							10.70 -2.52
189	6615008699834	0.00082	1	1.00	0.00543	4	0.31							7.67 -2.55
190	6340001165963HF	0.00113	2	1.00	0.00487	10	1.07							9.53 -2.56
191	127000041879	0.00106	1	0.36	0.00847	3	0.10							4.70 -2.57
192	6610004839436HF	0.00189	1	1.00	0.00404	7	1.00							10.30 -2.58
193	1430003903844RF	0.00096	1	1.00	0.00262	6	0.97							15.89 -2.60
194	1660000893553	0.00072	1	1.00	0.00494	4	0.28							8.44 -2.60
195	1270000238954	0.00137	1	1.00	0.01120	4	0.78							3.72 -2.74
196	1430001458910RF	0.00421	1	1.00	0.01366	6	0.27							3.05 -2.74
197	48100008935501P	0.00069	1	1.00	0.00531	4	0.27							7.84 -2.76
198	1270000238963	0.00442	1	0.23	0.00817	4	0.26							5.10 -2.77
199	1430009328553RF	0.00128	1	1.00	0.00227	8	1.44							18.36 -2.80
200	1430001444407HF	0.00102	1	1.00	0.00445	5	0.59							9.36 -2.82

INDEX	NSN	REMOVAL DATE	OPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY FRU	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL EBD	RESUPP DAYS	MORS
201	1650003500929RF	0.00118	1	1.00	0.00350	6	0.74						11.92	-2.83
202	1430001747045RF	0.01938	1	0.06	0.01021	4	0.27						4.08	-2.84
203	1430004339603PF	0.00058	1	1.00	0.00250	5	0.59						16.66	-2.85
204	1430002471537RF	0.00075	1	1.00	0.00328	5	0.57						12.69	-2.85
205	671000260300	0.00063	1	1.00	0.00527	4	0.26						7.90	-2.86
206	5865010418257FW	0.00095	2	1.00	0.00569	9	1.10						7.32	-2.89
207	1270004767946	0.00207	1	1.00	0.01006	5	0.47						4.14	-2.91
208	6615003739254RF	0.00080	1	1.00	0.00379	5	0.42						11.00	-3.00
209	661000798315	0.00165	1	1.00	0.00391	7	0.93						10.65	-3.02
210	1660009091473	0.00065	1	1.00	0.00310	5	0.45						13.42	-3.03
211	6610001506785	0.00153	1	1.00	0.00364	7	0.94						11.46	-3.05
212	1650008369785RF	0.00057	1	1.00	0.00622	4	0.21						6.70	-3.12
213	1430002103773RF	0.00059	1	1.00	0.00312	5	0.46						13.35	-3.24
214	1430001747048RF	0.01159	1	0.06	0.01052	4	0.16						3.96	-3.33
215	1430010039780RF	0.00246	1	0.94	0.00868	6	0.68						4.80	-3.34
216	4110001871018RF	0.00059	1	1.00	0.00336	5	0.37						12.39	-3.36
217	6615005905172RF	0.00148	1	1.00	0.00926	5	0.35						4.50	-3.39
218	6610010347616	0.00133	1	1.00	0.00830	5	0.33						5.02	-3.42
219	1430001330189RF	0.00057	1	1.00	0.00340	5	0.43						12.24	-3.44
220	1650007908855RF	0.00082	1	1.00	0.00520	5	0.35						8.01	-3.49
221	1430004100845RF	0.00116	1	1.00	0.00314	7	0.95						13.28	-3.55
222	6610008310134	0.00229	1	1.00	0.00396	9	1.74						10.52	-3.56
223	1280009338792PNT	0.00156	1	1.00	0.00677	6	0.50						6.15	-3.75
224	1270000231042	0.00064	1	1.00	0.00562	5	0.26						7.42	-3.90
225	6605008365335	0.01156	1	0.67	0.00624	16	2.49						6.68	-3.96
226	4110005176548RF	0.00200	1	1.00	0.00375	9	1.17						11.12	-3.99
227	14300100597828F	0.00101	1	0.94	0.00947	5	0.26						4.40	-3.99
228	5865010169623FW	0.00072	1	1.00	0.00734	5	0.21						5.68	-4.04
229	14300100597818F	0.00293	1	0.57	0.00850	6	0.51						4.90	-4.04
230	1660007935799	0.00225	1	1.00	0.00354	10	1.35						11.76	-4.05
231	1660010215625	0.00066	1	1.00	0.00316	6	0.41						13.21	-4.05
232	6610009539670	0.00114	1	1.00	0.00364	7	0.77						11.44	-4.07
233	6685006845176	0.00119	2	1.00	0.00392	14	1.73						10.64	-4.14
234	6605001113645	0.00084	1	1.00	0.00429	6	0.41						9.70	-4.16
235	5826004449847	0.00092	1	0.50	0.00636	5	0.34						6.55	-4.30
236	6610009942170	0.00107	1	0.67	0.00407	6	0.34						10.23	-4.34
237	6605009876166	0.00085	1	0.67	0.00965	5	0.11						4.32	-4.40
238	1280009338793NT	0.00123	1	1.00	0.00487	7	0.54						8.56	-4.59
239	6110000978394RF	0.00267	2	1.00	0.00366	23	3.19						11.37	-4.66
240	6610004546632RF	0.00666	1	1.00	0.00926	12	1.84						4.50	-4.78
241	5865001346831FW	0.00496	1	1.00	0.00649	12	1.60						6.04	-4.98
242	5841000738241	0.00461	1	1.00	0.00667	12	1.48						6.25	-5.26
243	6615009825301	0.00147	1	1.00	0.00523	8	0.70						7.97	-5.30
244	5895009190400	0.00449	2	1.00	0.01085	20	1.84						3.84	-5.77
245	5895001688798	0.00877	1	1.00	0.00964	15	1.78						4.32	-5.83
246	5895005205891	0.00824	1	1.00	0.01055	14	1.89						3.95	-6.04
247	5831007825305	0.00179	2	1.00	0.01294	15	0.78						3.22	-6.05
248	6615010159534RF	0.00396	1	0.70	0.00947	9	0.60						4.40	-6.05
249	6610004451070	0.00334	1	1.00	0.00810	14	1.72						10.16	-6.30
250	2920010139867YP	0.00090	1	0.45	0.00288	8	1.69						14.49	-6.69

INDEX	NSN	REMOVAL RATE	OPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FRN	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL EBU	RESUPP DAYS	NORS
251	5841000656743	0.00935	1	1.00	0.00850	18	2.17							4.90	-7.06
252	6615000228011	0.00271	1	1.00	0.00724	11	0.95							5.75	-7.33
253	6615000593851	0.00608	1	1.00	0.00316	26	4.64							13.20	-8.00
254	58450004100140	0.00909	1	1.00	0.00871	19	2.31							4.78	-8.59
255	6720001034963	0.00066	1	0.52	0.00358	10	0.23							11.65	-9.09
256	6680006518045	0.00332	1	1.00	0.00389	18	2.51							10.70	-9.96
257	5895009190810	0.00163	2	0.08	0.00992	22	0.07							4.20	-10.87
258	5895007908764	0.00558	1	1.00	0.00840	18	1.40							4.96	-11.40
259	58950004100189	0.00971	1	1.00	0.00854	24	2.85							4.88	-12.66
260	2910010092822YP	0.00164	1	0.45	0.00278	16	4.73							15.01	-13.53
261	1630008521432	0.00068	2	1.00	0.00402	58	0.74							10.37	-27.39
262	6610009453112HF	0.00352	1	1.00	0.00333	42	20.71							12.50	-32.10

FINAL REPORT  
 FOR A TOTAL OF 262 COMPONENTS  
 TOTHR= 0.63320921E 00 TCOST= 0.15731695E 08

SNUMB = 7159U, ACTIVITY # = 01, REPORT CODE = 06, RECORD COUNT = 002534

M, IQPA, FAP=	42	2	0.10000000E 01
M, IQPA, FAP=	42	2	0.10000000E 01
M, IQPA, FAP=	42	2	0.10000000E 01
M, IQPA, FAP=	42	2	0.10000000E 01
M, IQPA, FAP=	42	2	0.10000000E 01
M, IQPA, FAP=	42	2	0.10000000E 01
M, IQPA, FAP=	42	1	0.10000000E 01
J, M, RMDSHARE=	135	42	0.12435233E 00





APPENDIX K  
SAMPLE OF AN SGM SPARES DATA  
BASE FOR A NOTIONAL BASE



SS 721811 ENTERED C AT 12.095 FROM TSS/S 0-06-12

```

0001 S      SNUMB      7218U
0002 $      COMMENT    QS29SLAY          TSS CARDIN
0003 $$     USERID     QS29SLAYS*****
0004 $      IDENT      QS2011N23PD ,QS29USLAY
0005 S      NOTE       SET3UPN RUN FOR ABELL
0006 $      OPTION     FORTRAN
0007 $$     SELECT     LA61A/STARS/OBJECT/DM/SETUPN.O
0008* $      OBJECT     LA61A/STARS/SOURCE/DM/SETUP 2/4/81 FOR I Y21.025090481.....00
0010 $      SELECT     LA61A/LMILIB.O/PIPECMPD
0011* $      OBJECT     LA61A/LMILIB/PIPECMP 2/3/81 BY FMS Y13.749090581PIPECMP00
0013 $$     SELECT     LA61A/LMILIB.O/EBOCMP.O
0014* $      OBJECT     LA61A/LMILIB/EBOCMP 2/3/81 BY FMS Y13.762090581EBOCMP00
0016 $$     SELECT     LA61A/LMILIB.O/DFACTLN
0017* $      OBJECT     LA61A/LMILIB/DFACTLN BY MJK Y14.983020781DFACTL00
0019 $$     SELECT     LA61A/LMILIB.O/MSORTD.O
0020* $      OBJECT     LA61A/LMILIB/MSORTD 3/6/81 BY MJK Y23.249030581MSORT00
0022 A$     EXECUTE
0023 $      LIMITS      39,25K,,10K
0024 $      TAPE9       01,4100,,26393,,###
0025 $$     PRMFL      02,W,S,LA61A/SLAY/DATA/F4/NOTIONAL
0026 $      DATA      DS
0027 $      ENDJOB

```

TOTAL CARD COUNT THIS JOB = 000151

```

* BEGIN ACTIVITY -01-  GELOAD      09/07/81  SW=00000000000000
INPUT STARTED WITH #26393  FOR FILE CODE 01 GE 600 RTL  AFDS 26393 26393 0001 A1248 000DIST
* NORMAL TERMINATION AT 021553 I=5000 SW=00000000000000

```

START	12.140	LINES	6732	PROC	0.0957	I/O	0.029	IU	5	MEMORY	25K
STOP	12.274	LIMIT	10240	LIMIT	0.3900	LIMIT		CU	5	MOT	12886
SWAP	0.000										
LAPSE	0.132	FC	D TYPE	BUSY	IP/AT	FP/RT	IS/NC	MS/NE		ADDRESS	T*
		05	R 0191 *	7	0	1	1	1		0-08-12	
		R*	R 0191 *	122	0	0	12	12		0-08-12	
		01	D TAPR	95848		0/03	7112	0		0-16-04	#26393
		02	R 0191 P	338	0	16	1	20		0-08-16	
		P*	SYOUT								
		L*	R 0191 *	874	0	0	624	624R		0-08-02	

LIST	115	LINES	AT	STA.	XL
RC-52	928	LINES	AT	STA.	XL
RC-06	5689	LINES	AT	STA.	XL

PROCESSOR	I/O	CORE	TOTAL
\$ 3.06	\$ 1.70	\$ 5.93	\$ 10.69

SNUMB = 7218U, ACTIVITY # = 01, REPORT CODE = 74, RECORD COUNT = 000115



[illegible]

72180 01 09-07-41 12.145 PAGE 3

ORIGIN DATE MONTH ENTRY LOCATION ENTRY LOCATION ENTRY LOCATION ENTRY LOCATION

\$ DATA 05 220

FOR AND BUFFER SPACE

AVAILABLE 000101 THRU 012247 012147  
 FILE CTRL RLKS 012016 THRU 012250 000233  
 MAXIMUM BUFFER SPACE REQUIRED 003105

22K, IS THE MINIMUM MEMORY NEEDED TO LOAD THIS ACTIVITY WITH ALL FILES OPEN 730517 F/R  
 001232 LOCATIONS REQUIRED FOR LOAD TABLE  
 EXECUTION PROGRAM ENTERED AT 060054 THROUGH .FSETU

SNINB = 72180, ACTIVITY # = 01, REPORT CODE = 52, RECORD COUNT = 000928

FOR INTERACTIVE DECISION # 15  
 THE FLYING HOUR PROGRAMS FOR THE USED MUSS ARE  
 320 497 82  
 UF= 899

INDEX	NSN	REMOVAL RATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FRD	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FRD	NRASES
1	1095000538407	0.00107	1	0.64	0.00754	3	0.33	0.000	12312.	0.0813	34	2.90	0.005	12
2	1095000960094	0.00228	1	0.36	0.00695	5	0.30	0.	11577.	0.0346	134	8.77	0.	5
3	1270000041879	0.00106	1	0.20	0.00887	1	0.05	0.	6659.	0.0810	16	0.66	0.	12
4	12700000231042	0.00064	1	0.64	0.00562	3	0.17	0.	4050.	0.0486	71	3.49	0.	12
5	12700000238954	0.00137	1	0.64	0.01120	3	0.19	0.	2768.	0.0486	69	3.41	0.	12
6	12700000238962	0.00262	1	0.64	0.01021	4	0.39	0.	6424.	0.0486	85	7.96	0.	12
7	12700000238963	0.00442	1	0.22	0.00817	3	0.26	0.	49236.	0.0327	80	7.85	0.	12
8	12700000641997	0.00441	1	0.55	0.00487	4	0.70	0.001	37311.	0.0810	53	9.29	0.011	12
9	12700001095653	0.00080	1	0.20	0.00771	2	FOR INTERACTIVE DECISION #							

THE FLYING HOUR PROGRAMS FOR THE USED MOSS ARE

497

320 899

UFE

IDEX	MSN	REPAIR RATE	OPR	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	ERO	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL ERO	NRASHS
1	1095000454407	0.00107	1	0.64	0.00758	3	0.33	0.000	12312.	0.0813	34	2.90	0.005	12
2	1095000960098	0.00228	1	0.36	0.00695	5	0.30	0.	11577.	0.0346	134	8.77	0.	5
3	1270000041879	0.00106	1	0.20	0.00887	1	0.05	0.	6659.	0.0810	16	0.66	0.	12
4	1270000231002	0.00064	1	0.64	0.00562	4	0.17	0.	4050.	0.0486	71	3.49	0.	12
5	1270000238954	0.00137	1	0.64	0.01120	3	0.19	0.	2768.	0.0486	69	3.81	0.	12
6	1270000238962	0.00262	1	0.64	0.01021	4	0.24	0.	6424.	0.0486	85	7.96	0.	12
7	1270000238963	0.00442	1	0.22	0.00817	3	0.26	0.	49238.	0.0327	80	7.85	0.	12
8	1270000641997	0.00441	1	0.55	0.00487	4	0.70	0.001	37311.	0.0810	53	9.29	0.011	12
9	1270001095653	0.00080	1	0.20	0.00771	2	0.04	0.	3306.	0.0537	35	0.66	0.	12
10	1270001185901	0.00136	1	0.20	0.00906	1	0.04	0.001	4582.	0.0810	18	0.42	0.010	12
11	1270001487615	0.00453	1	0.20	0.00972	2	0.22	0.002	46958.	0.0810	26	2.56	0.021	12
12	1270003482091	0.00064	1	0.20	0.00253	1	0.23	0.024	16460.	0.0537	12	2.02	0.455	12
13	1270003495215	0.00047	1	0.20	0.00640	1	0.21	0.021	5247.	0.0537	10	1.30	0.384	12
14	1270003495219	0.00049	1	0.20	0.00303	1	0.18	0.016	23289.	0.0537	19	2.87	0.294	12
15	1270003495873	0.00090	1	0.20	0.00385	1	0.16	0.012	29698.	0.0537	19	2.46	0.223	12
16	1270003528728	0.00100	1	0.20	0.00305	1	0.17	0.014	12255.	0.0537	20	2.83	0.255	12
17	127000393141	0.00061	1	0.20	0.00533	1	0.06	0.002	3065.	0.0537	20	0.92	0.031	12
18	1270004752473	0.00077	1	0.22	0.00644	1	0.03	0.000	6359.	0.0327	33	1.95	0.013	12
19	1270004767945	0.00092	1	0.55	0.00321	4	0.53	0.000	9780.	0.0810	45	4.85	0.003	12
20	1270004767946	0.00207	1	0.55	0.01006	3	0.26	0.	20018.	0.0810	37	3.24	0.	12
21	1270005029309	0.00083	1	0.20	0.00290	1	0.16	0.012	1235.	0.0537	19	2.46	0.222	12
22	1270005518449	0.00140	1	0.20	0.00278	2	0.36	0.007	19279.	0.0537	32	4.62	0.123	12
23	1270005518451	0.00086	1	0.20	0.00319	1	0.10	0.005	10494.	0.0537	25	2.34	0.084	12
24	1270005518452	0.00737	1	0.20	0.00890	3	0.47	0.002	72822.	0.0537	55	7.59	0.028	12
25	1270005562269	0.01025	1	0.20	0.00538	4	0.95	0.003	78863.	0.0810	48	10.48	0.043	12
26	1270009160176	0.00051	1	0.64	0.00237	3	0.32	0.000	2594.	0.0486	63	7.03	0.008	12
27	1270009755895	0.00053	1	0.64	0.00552	2	0.14	0.	1500.	0.0486	44	2.96	0.	12
28	1270010251430	0.00530	1	0.09	0.00245	5	2.43	0.055	41997.	0.3333	16	8.12	0.164	3
29	1270010251433	0.00147	1	0.09	0.00249	2	0.50	0.017	17999.	0.3333	7	1.85	0.050	3
30	1270010298391	0.00058	1	0.20	0.00493	1	0.07	0.003	586.	0.0537	19	1.02	0.048	12
31	1270010428441	0.00071	1	0.20	0.00209	1	0.19	0.016	29888.	0.0537	19	2.91	0.302	12
32	1270010588940	0.00483	1	0.55	0.00491	3	0.72	0.007	37311.	0.0810	32	6.47	0.092	12
33	1280009338792NT	0.00156	1	0.64	0.00677	5	0.33	0.	4170.	0.0303	130	8.49	0.	12
34	1280009338793NT	0.00123	1	0.64	0.00487	6	0.36	0.	5764.	0.0303	164	9.27	0.	12
35	1280009338792NT	0.00056	1	0.64	0.01063	1	0.10	0.005	6207.	0.0813	12	1.00	0.064	12
36	1430006003418F	0.00070	1	0.64	0.00273	4	0.52	0.000	1057.	0.0813	46	5.07	0.003	12
37	14300007804638F	0.00422	1	0.64	0.01052	4	0.90	0.003	40473.	0.0813	44	8.26	0.033	12
38	1430001179909F	0.00148	1	0.64	0.00387	3	0.73	0.008	14420.	0.0813	35	7.65	0.094	12
39	1430001179935F	0.00073	1	0.64	0.00288	3	0.40	0.001	9210.	0.0813	40	5.19	0.010	12
40	14300013266778F	0.00067	1	0.64	0.00280	2	0.47	0.014	11411.	0.0813	23	4.91	0.170	12
41	1430001330189F	0.00057	1	0.64	0.00340	4	0.28	0.	1825.	0.0813	46	3.44	0.	12
42	14300014422848F	0.00088	1	0.64	0.00086	8	1.81	0.000	1189.	0.0813	98	20.99	0.002	12
43	14300014422928F	0.00061	1	0.64	0.00294	4	0.53	0.000	1848.	0.0813	48	5.67	0.003	12
44	14300014433158F	0.00067	1	0.46	0.00286	3	0.46	0.001	1992.	0.0814	31	3.52	0.017	12
45	14300014433198F	0.00056	1	0.64	0.00233	2	0.42	0.010	5512.	0.0813	25	4.94	0.123	12
46	14300014433338F	0.00426	1	0.03	0.00631	1	0.13	0.008	23856.	0.0810	9	0.59	0.096	12
47	14300014433366F	0.00137	1	0.47	0.00143	5	1.14	0.003	847.	0.0814	59	15.11	0.038	12
48	14300014440078F	0.00102	1	0.64	0.00445	4	0.38	0.	1535.	0.0813	53	4.73	0.	12
49	14300014589108F	0.00421	1	0.64	0.01366	5	0.51	0.	4929.	0.0813	57	6.27	0.	12
50	14300017470458F	0.00148	1	0.03	0.001021	3	0.15	0.	38220.	0.0810	31	1.84	0.	12

INDEX	NSN	REMOVAL RATE	OPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FNU	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FNU	NBASIS
51	1430001747044RF	0.01159	1	0.03	0.01052	3	0.09	0.	43927.	0.0810	38	1.08	0.	12
52	1430001740011RF	0.00053	1	0.03	0.00423	0	0.01	0.010	871.	0.0810	0	0.12	0.123	12
53	1430001830038RF	0.00349	2	0.03	0.00369	3	0.16	0.	2138.	0.0810	34	1.93	0.	12
54	1430001940072RF	0.00050	1	0.64	0.00660	3	0.25	0.000	6633.	0.0813	31	1.57	0.002	12
55	1430001906467RF	0.00084	1	0.64	0.00483	2	0.36	0.007	7084.	0.0813	23	3.69	0.083	12
56	1430002193773RF	0.00059	1	0.64	0.00312	4	0.30	0.	538.	0.0813	50	3.73	0.	12
57	1430002356325RF	0.01023	1	0.51	0.00376	4	1.38	0.017	43980.	0.0810	49	15.75	0.210	12
58	1430002471537RF	0.00075	1	0.64	0.00328	4	0.38	0.	1409.	0.0813	46	4.61	0.	12
59	1430002984723RF	0.00160	1	0.17	0.00269	2	0.19	0.001	1254.	0.0810	30	3.00	0.013	12
60	1430003592030RF	0.00082	1	0.03	0.00460	1	0.07	0.002	1667.	0.0810	9	0.18	0.026	12
61	1430003930750RF	0.00057	1	0.03	0.00360	1	0.01	0.	1291.	0.0810	18	0.15	0.	12
62	1430003980384RF	0.00096	1	0.64	0.00262	5	0.70	0.000	2893.	0.0813	61	7.77	0.001	12
63	1430004100845RF	0.00116	1	0.64	0.00314	5	0.62	0.	4449.	0.0813	62	7.61	0.	12
64	1430004902978RF	0.00379	1	0.64	0.00209	13	3.35	0.000	4285.	0.0813	161	37.28	0.000	12
65	1430005072644RF	0.00656	1	0.64	0.01070	6	1.09	0.000	29982.	0.0813	73	12.31	0.002	12
66	1430005072655RF	0.00721	1	0.17	0.00468	2	0.32	0.005	43069.	0.0810	27	4.18	0.060	12
67	1430005072656RF	0.00993	1	0.64	0.00711	12	2.28	0.	52964.	0.0813	147	28.00	0.	12
68	1430005203506RF	0.00438	2	0.03	0.00363	4	0.13	0.	12732.	0.0810	48	1.58	0.	12
69	1430005315138RF	0.00324	1	0.55	0.01170	3	0.41	0.001	10388.	0.0810	38	4.67	0.011	12
70	1430005957721RF	0.00061	1	0.03	0.00694	1	0.01	0.	1547.	0.0810	14	0.09	0.	12
71	1430008339603RF	0.00058	1	0.64	0.00250	4	0.46	0.000	3152.	0.0813	48	4.75	0.001	12
72	1430009190037RF	0.00142	1	0.55	0.00435	1	0.13	0.008	2231.	0.0810	14	1.85	0.094	12
73	1430009328538RF	0.00128	1	0.64	0.00227	6	0.94	0.	932.	0.0813	76	11.57	0.	12
74	1430010039780RF	0.00246	1	0.61	0.00868	5	0.45	0.	22731.	0.0813	56	5.53	0.	12
75	1430010039781RF	0.00293	1	0.38	0.00850	5	0.34	0.	14465.	0.0814	56	4.18	0.	12
76	1430010039782RF	0.00101	1	0.61	0.00947	4	0.17	0.	14367.	0.0813	51	2.08	0.	12
77	1430010384963RF	0.00151	1	0.60	0.00287	3	0.96	0.020	1328.	0.0813	35	10.61	0.248	12
78	1430010387038RF	0.01700	1	0.64	0.00589	4	4.71	1.233	26380.	0.0813	49	57.94	15.165	12
79	1430010387055RF	0.00484	1	0.64	0.00694	2	1.19	0.160	8540.	0.0813	24	14.01	1.963	12
80	1430010399244RF	0.01285	1	0.17	0.00539	0	0.97	0.668	111207.	0.0810	5	12.04	8.254	12
81	1430010454699RF	0.01786	1	0.64	0.00547	3	5.46	2.586	40422.	0.0813	35	65.59	31.802	12
82	1430010533212RF	0.00135	1	0.64	0.00694	1	0.27	0.033	12047.	0.0813	15	3.91	0.408	12
83	1430010597789RF	0.00064	1	0.64	0.00559	1	0.21	0.021	11999.	0.0813	12	2.30	0.263	12
84	1430010610350RF	0.00607	1	0.64	0.00694	2	1.49	0.278	14900.	0.0813	24	17.90	3.420	12
85	1430010682150RF	0.00137	2	0.55	0.00694	1	0.04	0.	2126.	0.0810	15	0.47	0.	12
86	1560000829118RF	0.00052	1	0.55	0.01113	1	0.08	0.003	3360.	0.0454	19	1.25	0.070	12
87	1560001430930RF	0.00108	1	0.55	0.00355	3	0.98	0.022	1012.	0.0810	31	9.10	0.270	12
88	1560001430432RF	0.00227	1	0.55	0.00469	3	0.65	0.005	900.	0.0810	41	8.58	0.063	12
89	1560004896617RF	0.00054	1	0.36	0.00282	0	0.18	0.141	8999.	0.1050	1	1.68	1.342	5
90	1560007883941RF	0.00066	1	1.00	0.00216	1	0.51	0.112	4729.	0.0278	33	14.11	4.015	17
91	1560007906873RF	0.00059	1	1.00	0.00496	1	0.21	0.021	4326.	0.0278	36	5.05	0.764	17
92	1560008670561RF	0.00073	2	1.00	0.00840	3	0.76	0.009	884.	0.0278	95	18.10	0.328	17
93	1560008747388RF	0.00067	1	0.36	0.00378	1	0.11	0.006	3461.	0.0346	41	4.58	0.182	5
94	1560009193697RF	0.00055	1	0.36	0.00260	3	0.18	0.	9317.	0.0346	85	5.10	0.	5
95	1560009193698RF	0.00055	1	0.36	0.00225	3	0.20	0.	1267.	0.0346	85	5.87	0.	5
96	1560009547752RF	0.00055	2	1.00	0.00230	5	0.86	0.000	1547.	0.0278	164	21.40	0.011	17
97	1560010345864RF	0.00225	1	0.09	0.00833	0	3.34	0.193	14399.	0.3333	1	1.01	0.579	3
98	1560010440249RF	0.00454	1	0.09	0.00161	6	3.68	0.134	5536.	0.3333	17	10.56	0.401	3
99	1560010440402RF	0.00064	1	0.09	0.00438	1	0.19	0.018	3059.	0.3333	3	0.52	0.053	3
100	1560010756968RF	0.00063	1	0.25	0.00242	1	0.16	0.013	21545.	0.1050	14	1.72	0.121	5



INDEX	NSN	REMOVAL RATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FRI	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FRI	NRASES
101	1620009438749	0.00107	1	0.36	0.00304	13	0.33	0.	877.	0.1050	127	3.10	0.	5
102	1620009891992	0.00077	1	1.00	0.00455	2	0.22	0.002	3751.	0.0278	84	7.42	0.059	17
103	1630002769849	0.00180	2	1.00	0.00532	6	0.79	0.	1863.	0.0278	229	28.51	0.	17
104	1630004463778	0.01676	2	1.00	0.00753	29	5.53	0.	3024.	0.0278	1038	198.50	0.	17
105	1630008521432	0.00068	2	1.00	0.00002	71	0.44	0.	380.	0.0278	2541	15.95	0.	17
106	1630010266543	0.00089	1	0.64	0.00326	3	0.47	0.002	3213.	0.0283	79	10.39	0.042	12
107	16500014865068F	0.00120	2	0.95	0.00347	5	0.40	0.	8269.	0.0270	175	14.93	0.	17
108	16500035009928F	0.00118	1	1.00	0.00350	4	0.45	0.	698.	0.0278	140	16.01	0.	17
109	16500079068558F	0.00082	1	1.00	0.00520	5	0.21	0.	853.	0.0278	174	7.48	0.	17
110	16500083697458F	0.00057	1	0.64	0.00622	2	0.14	0.	5484.	0.0813	27	1.73	0.	12
111	16500092430058F	0.00075	2	0.95	0.00320	3	0.28	0.000	2670.	0.0270	121	9.87	0.008	17
112	16500092430068F	0.00082	2	0.95	0.00395	4	0.23	0.	2664.	0.0270	155	8.70	0.	17
113	1650009954948F	0.00085	1	1.00	0.00477	3	0.32	0.000	3956.	0.0278	101	7.58	0.012	17
114	1650010841369	0.00408	2	1.00	0.00411	15	1.85	0.	27808.	0.0335	445	55.19	0.	17
115	1660000714255	0.00513	1	0.91	0.00224	14	2.43	0.	1662.	0.0196	721	123.76	0.	17
116	1660000893553	0.00072	1	0.91	0.00494	2	0.15	0.	3587.	0.0261	89	5.70	0.	17
117	1660001359566	0.00185	1	0.91	0.00265	5	0.85	0.000	4820.	0.0261	192	28.15	0.011	17
118	1660004463827	0.00057	1	0.91	0.00455	2	0.27	0.003	1080.	0.0261	60	5.45	0.105	17
119	1660004959012HF	0.00175	1	1.00	0.00355	6	0.61	0.	4032.	0.0278	212	22.00	0.106	5
120	1660006778330	0.00056	1	0.36	0.00397	3	0.15	0.011	2367.	0.1050	13	1.22	0.106	5
121	1660007384612	0.00062	1	0.36	0.00336	5	0.13	0.	2924.	0.1050	46	1.25	0.	5
122	1660007384614	0.00053	2	0.36	0.00366	10	0.17	0.	1154.	0.1050	93	1.65	0.	5
123	1660007935799	0.00225	1	1.00	0.00354	8	0.81	0.	3308.	0.0278	290	29.09	0.	17
124	1660009091473	0.00065	1	0.91	0.00310	3	0.24	0.	2700.	0.0261	113	9.25	0.	17
125	1660010215625	0.00066	1	1.00	0.00316	4	0.24	0.	1728.	0.0175	228	13.93	0.	17
126	16800011403148F	0.00139	1	0.36	0.01389	0	0.10	0.099	2867.	0.1050	0	0.95	0.946	5
127	16800045005738F	0.00090	3	0.94	0.00297	4	0.61	0.000	5096.	0.0267	134	14.40	0.017	17
128	16800073357681S	0.00050	4	0.95	0.00423	6	0.29	0.	3404.	0.0270	213	10.78	0.	17
129	16800075809508F	0.00230	1	0.36	0.00389	3	0.77	0.009	1338.	0.1050	31	5.18	0.089	5
130	16800075809528F	0.00057	1	0.36	0.00329	2	0.39	0.008	1338.	0.1050	15	1.52	0.079	5
131	16800091855948F	0.00059	1	0.30	0.00454	2	0.25	0.002	1897.	0.1050	19	1.04	0.021	5
132	16800105208161S	0.00103	2	1.00	0.00380	5	0.79	0.000	1475.	0.0278	184	24.11	0.007	17
133	2620000884523	0.01708	2	0.88	0.00231	83	17.16	0.	299.	0.0278	2967	616.35	0.	17
134	2620010579673	0.02334	2	0.12	0.00198	20	3.70	0.	299.	0.0278	723	132.87	0.	17
135	2835004825352	0.00109	1	0.16	0.00333	4	0.29	0.	2471.	0.0267	158	11.00	0.	5
136	2835004825353	0.00059	1	0.16	0.00420	3	0.33	0.000	646.	0.0267	106	7.59	0.014	5
137	2840001335900PL	0.00076	2	0.26	0.00289	1	0.54	0.123	14448.	0.0346	48	11.83	0.811	5
138	2840004262102PI	0.00164	2	0.26	0.00293	1	0.52	0.115	24039.	0.0346	29	42.69	21.466	17
139	2840004865740PI	0.00052	2	0.40	0.00251	3	0.68	0.006	193599.	0.0346	26	10.80	3.323	5
140	2840006903727PL	0.00162	2	0.36	0.00311	1	0.15	0.011	606.	0.0316	95	15.17	0.188	17
141	2840007940417PL	0.00120	2	0.26	0.00292	2	0.61	0.028	1573.	0.0346	24	1.59	0.328	5
142	2840008717414PL	0.00084	2	0.90	0.00180	1	1.44	0.678	14448.	0.0346	48	11.83	0.811	5
143	2840008844275PL	0.00053	2	0.90	0.00299	3	0.75	0.009	24039.	0.0316	29	42.69	21.466	17
144	2840009075488PL	0.00141	2	0.36	0.00389	1	0.03	0.001	645.	0.0316	93	16.75	0.274	17
145	28400094818049PL	0.00149	2	0.26	0.00171	1	0.77	0.232	7165.	0.0346	39	1.11	0.017	5
146	2840009968290PL	0.00053	2	0.26	0.00261	1	0.30	0.041	11831.	0.0346	40	27.01	6.704	5
147	2840010269955PL	0.00083	2	0.90	0.00303	5	1.23	0.002	16561.	0.0346	39	10.73	1.174	5
148	28400116272395PL	0.00082	2	0.90	0.00319	5	1.23	0.002	8489.	0.0316	147	25.74	0.064	17
149	2840010564217PI	0.00062	2	0.26	0.00224	0	0.45	0.000	6741.	0.0316	171	23.02	0.009	17
150	2910009104855YP	0.00168	1	0.16	0.00404	4	0.40	0.	26695.	0.0346	3	13.66	11.703	5
									2672.	0.0267	160	15.15	0.	5

INDEX	NSN	REMOVAL RATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FRII	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FBII	NRASES
151	2910001092822YP	0.00164	1	0.25	0.00278	11	2.55	0.000	3864.	0.0447	246	59.15	0.000	12
152	2915000833452PL	0.00052	2	0.26	0.00365	4	0.24	0.	6589.	0.0346	104	6.87	0.	5
153	2915001338007PL	0.00068	2	0.64	0.00292	5	0.81	0.000	7972.	0.0813	63	9.61	0.003	12
154	2915010887077PL	0.00055	2	0.64	0.00347	4	0.51	0.000	41397.	0.0813	51	6.39	0.003	12
155	29200010139867YP	0.00090	1	0.41	0.00288	6	1.00	0.000	1932.	0.0177	322	49.49	0.005	17
156	2935000789242Z	0.00064	2	0.91	0.00357	5	0.38	0.	4461.	0.0261	198	14.64	0.	17
157	29950001598730	0.00163	2	1.00	0.00380	8	1.10	0.	1249.	0.0278	299	39.51	0.	17
158	29950006141130PL	0.00069	2	0.90	0.00380	4	0.73	0.001	370.	0.0316	124	16.44	0.034	17
159	29950006911224	0.00179	2	1.00	0.00331	7	1.47	0.000	14060.	0.0278	255	45.92	0.006	17
160	4130010397267PK	0.00162	1	0.18	0.00388	1	0.37	0.062	32624.	0.1050	10	2.07	0.586	5
161	41400009414335TP	0.00150	1	0.36	0.00399	4	0.35	0.	645.	0.1050	38	3.29	0.	5
162	4310010183040RF	0.00157	1	1.00	0.00281	3	0.66	0.005	3954.	0.0278	120	24.89	0.194	17
163	4320000586925MS	0.00160	4	1.00	0.00418	20	1.88	0.	2240.	0.0269	754	69.98	0.	17
164	4810000893550TP	0.00069	1	0.91	0.00531	3	0.14	0.	1989.	0.0261	96	5.49	0.	5
165	4820000691900RF	0.00064	1	0.36	0.00440	3	0.12	0.	746.	0.0346	99	3.49	0.	5
166	5821001387991	0.00173	1	0.36	0.00949	5	0.27	0.	4434.	0.0052	903	52.09	0.	5
167	5821008801955	0.00548	1	0.36	0.00689	13	0.80	0.	20114.	0.1050	122	7.59	0.	5
168	5821010512886	0.00166	1	0.05	0.00280	0	0.09	0.002	3830.	0.0047	94	19.16	0.317	8
169	5821010868605	0.00218	1	1.00	0.00603	2	0.63	0.030	2205.	0.0278	63	16.99	1.089	17
170	5826000897912	0.00233	1	0.91	0.00372	6	0.84	0.000	1653.	0.0225	259	25.96	0.001	17
171	5826002560655	0.00252	1	0.07	0.00431	0	0.11	0.075	53996.	0.1050	2	1.05	0.716	5
172	5826004120522	0.00326	1	0.02	0.00918	1	0.02	0.	7799.	0.0555	18	0.41	0.	5
173	5826004498847	0.00092	1	0.45	0.00636	2	0.18	0.	1871.	0.0261	90	6.93	0.	17
174	5826004889723	0.00368	1	0.02	0.00496	1	0.09	0.004	41997.	0.0253	25	2.24	0.151	5
175	5826009941578	0.00050	1	0.55	0.00503	1	0.09	0.004	3481.	0.0324	46	3.69	0.117	12
176	5826010121938	0.00080	1	0.36	0.00174	7	0.93	0.	9287.	0.0048	1353	192.92	0.	5
177	5826010183111	0.00168	2	1.00	0.00186	6	2.53	0.021	757.	0.0278	209	81.49	0.759	17
178	5826010329923	0.00056	1	1.00	0.00628	2	0.22	0.002	612.	0.0277	63	4.41	0.057	17
179	5826010329930	0.00195	1	1.00	0.00576	3	0.58	0.003	2537.	0.0261	130	23.20	0.132	17
180	5826010395000	0.00600	1	0.24	0.00322	0	0.65	0.513	67148.	0.0500	4	13.03	10.260	17
181	5826010395013	0.00340	1	0.24	0.00294	1	0.53	0.117	6251.	0.0500	18	8.09	2.338	17
182	5826010395015	0.00113	1	0.24	0.00261	0	0.15	0.113	9630.	0.0500	3	3.02	2.266	17
183	5826010397621	0.00051	1	1.00	0.00221	2	0.44	0.011	1062.	0.0286	60	10.23	0.402	17
184	5826010401785	0.00692	1	0.17	0.00315	1	0.95	0.319	25318.	0.0810	12	11.39	4.188	12
185	5826010403093	0.00217	1	0.24	0.00301	0	0.24	0.121	17505.	0.0500	8	4.88	2.426	17
186	5826010408428	0.00094	1	0.24	0.00819	1	0.15	0.010	2489.	0.0500	12	0.79	0.202	17
187	5826010419255	0.00252	1	0.24	0.00337	1	0.35	0.054	8039.	0.0500	20	5.05	1.076	17
188	5826010419380	0.00096	1	0.24	0.00343	1	0.22	0.022	6359.	0.0500	15	1.95	0.435	17
189	5826010419381	0.00104	1	0.24	0.00424	1	0.18	0.015	2400.	0.0500	18	1.72	0.295	17
190	5826010419398	0.00122	1	0.24	0.00342	1	0.20	0.018	2160.	0.0500	21	2.49	0.363	17
191	5826010424054	0.00388	1	0.24	0.00411	1	0.49	0.104	9437.	0.0500	15	6.60	2.082	17
192	5826010448961	0.00310	2	0.21	0.00412	0	0.14	0.124	29263.	0.0557	1	2.51	2.234	5
193	5831001346157	0.00282	2	0.36	0.01019	8	0.42	0.	2300.	0.0346	242	12.14	0.	5
194	58310007825305	0.00179	2	0.64	0.01294	15	0.51	0.	2977.	0.0813	179	6.27	0.	12
195	5841000656743	0.00935	1	0.64	0.00850	18	1.42	0.	20506.	0.0383	478	37.09	0.	12
196	5841000718241	0.00461	1	0.64	0.00667	10	0.97	0.	14368.	0.0383	259	25.26	0.	12
197	5841000811393	0.00054	1	0.36	0.00314	1	0.47	0.095	8216.	0.1050	6	1.85	0.906	5
198	5841001234695	0.00419	1	0.36	0.00717	14	1.82	0.	45234.	0.1050	138	17.32	0.	5
199	5841001234697	0.00733	1	0.36	0.00557	8	1.36	0.	41388.	0.1050	80	12.93	0.	5
200	5841001234698	0.01436	1	0.36	0.00621	12	2.40	0.	77342.	0.1050	116	22.89	0.	5

INDEX	NSN	REMOVAL DATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	ERO	COST	PRIORITING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL ERO	NRASES
201	5841001734100	0.00550	1	0.03	0.00525	0	0.08	0.082	49221.	0.1050	0	0.78	0.777	5
202	5841001773187	0.01304	1	0.36	0.00613	12	2.21	0.	61854.	0.1050	116	21.01	0.	5
203	5841001862251	0.00450	1	0.03	0.00653	0	0.05	0.054	190328.	0.1050	0	0.51	0.510	5
204	5841001862402	0.00093	1	0.03	0.00250	0	0.03	0.027	4600.	0.1050	0	0.26	0.258	5
205	5841001862412	0.00085	1	0.03	0.00731	0	0.01	0.009	4600.	0.1050	0	0.08	0.081	5
206	5841001862487	0.00279	1	0.03	0.00213	0	0.10	0.102	45445.	0.1050	0	0.97	0.970	5
207	5841001863142	0.00690	1	0.03	0.00580	0	0.09	0.093	34324.	0.1050	0	0.88	0.881	5
208	5841001863157	0.00341	1	0.03	0.00480	0	0.06	0.055	34356.	0.1050	0	0.53	0.526	5
209	5841001863158	0.00419	1	0.03	0.00250	0	0.12	0.122	93086.	0.1050	0	1.16	1.162	5
210	5841001868542	0.00465	1	0.03	0.00657	0	0.06	0.042	25285.	0.1050	1	0.52	0.405	5
211	5841001979891	0.02361	1	0.36	0.00679	28	3.28	0.	37877.	0.1050	271	31.23	0.	5
212	5841002025385	0.01377	1	0.36	0.00572	18	2.27	0.	41151.	0.1050	173	21.54	0.	5
213	5841002428135	0.00400	1	0.03	0.00312	1	0.10	0.004	6731.	0.1050	14	0.89	0.042	5
214	5841003714322	0.00109	1	0.03	0.00273	0	0.03	0.029	14218.	0.1050	0	0.28	0.276	5
215	5841003714399	0.00271	1	0.03	0.00662	0	0.03	0.032	52253.	0.1050	0	0.30	0.303	5
216	5841004000322	0.00217	1	0.03	0.00443	0	0.04	0.036	29256.	0.1050	0	0.35	0.347	5
217	5841004215830	0.00097	2	0.03	0.00225	1	0.09	0.004	1201.	0.1050	13	0.66	0.039	5
218	5841004332336	0.01380	1	0.36	0.00777	12	1.85	0.	23060.	0.1050	113	17.64	0.	5
219	5841004683481	0.00147	1	0.36	0.00351	6	0.03	0.033	6886.	0.1050	0	0.31	0.311	5
220	5841005725583	0.00465	1	0.36	0.00928	6	0.52	0.	6131.	0.1050	58	4.95	0.	5
221	5841007854758	0.00600	1	0.36	0.00795	17	0.83	0.	5400.	0.0994	174	8.39	0.	5
222	5841007169092	0.00090	1	0.36	0.00279	3	0.71	0.007	1854.	0.1050	27	2.99	0.066	5
223	5841009232849	0.00158	2	0.36	0.00518	9	0.61	0.	3029.	0.1050	86	5.83	0.	5
224	5841009402489	0.00148	1	0.36	0.00731	3	0.61	0.004	1778.	0.1050	28	2.53	0.038	5
225	5841009429549	0.00057	1	0.36	0.00730	2	0.25	0.002	1590.	0.1050	15	0.74	0.023	5
226	5841009836299	0.00287	1	0.03	0.00693	0	0.03	0.032	30123.	0.1050	0	0.31	0.306	5
227	5841010683981	0.00400	1	0.06	0.00254	1	0.21	0.021	5940.	0.1050	14	2.33	0.204	5
228	5841010690075	0.00400	1	0.06	0.00457	0	0.14	0.108	26801.	0.1050	1	1.30	1.026	5
229	5865000076945EW	0.00055	4	0.98	0.00360	2	0.23	0.002	2438.	0.0171	107	8.41	0.101	17
230	5865000076949EW	0.00057	4	0.98	0.00403	1	0.14	0.010	5438.	0.0171	69	7.99	0.582	17
231	5865000098382EW	0.00055	3	0.97	0.00350	2	0.26	0.002	4588.	0.0189	85	7.71	0.129	17
232	5865000139368EW	0.00081	2	0.51	0.01563	0	0.00	0.	3051.	0.0259	17	3.01	0.	17
233	5865000139369EW	0.00125	2	0.51	0.00681	2	0.01	0.	14204.	0.0259	73	0.39	0.	17
234	5865000233292EW	0.00200	2	0.68	0.00613	0	0.00	0.004	4678.	0.0258	0	0.16	0.162	17
235	5865000674016EW	0.00097	1	0.30	0.00484	5	0.02	0.	4200.	0.0880	54	0.21	0.	5
236	5865000854945EW	0.00059	2	0.68	0.00286	0	0.00	0.004	4060.	0.0238	0	0.16	0.162	17
237	5865000993348EW	0.00103	5	0.98	0.00346	2	0.42	0.010	4171.	0.0186	107	16.96	0.539	17
238	5865001350116EW	0.00104	6	0.84	0.00409	0	0.01	0.	4416.	0.0278	11	0.27	0.	17
239	5865001350117EW	0.00084	6	0.84	0.00465	0	0.01	0.007	24039.	0.0278	0	0.26	0.262	17
240	5865001559266EW	0.00055	10	0.98	0.00379	2	0.37	0.007	9603.	0.0186	113	16.17	0.384	17
241	5865001627964EW	0.00070	3	0.97	0.00234	2	0.22	0.002	2220.	0.0198	123	15.42	0.085	17
242	5865001681504EW	0.00097	2	0.53	0.00472	0	0.01	0.007	11999.	0.0258	1	0.28	0.268	17
243	5865001787918EW	0.00050	1	1.00	0.00324	0	0.00	0.003	2532.	0.0236	0	0.12	0.122	17
244	5865001994210EW	0.00109	4	0.98	0.00146	0	0.81	0.465	9144.	0.0173	28	46.90	26.966	17
245	5865002490554EW	0.00107	2	0.84	0.00298	0	0.00	0.	17443.	0.0284	4	0.02	0.	17
246	5865003294845EW	0.00063	2	0.53	0.00324	0	0.01	0.012	5076.	0.0268	1	0.49	0.459	17
247	5865003713344EW	0.00133	4	0.98	0.00120	3	0.57	0.003	4138.	0.0171	160	24.08	0.179	17
248	5865004095152EW	0.00112	2	1.00	0.00578	1	0.00	0.	690.	0.0278	28	0.17	0.	17
249	5865004263144EW	0.00100	4	0.91	0.00549	5	1.68	0.010	5400.	0.0158	298	82.20	0.613	17
250	5865004376027EW	0.00118	2	0.64	0.00260	2	0.01	0.	5082.	0.0238	84	0.33	0.	17

INDEX	NSN	REMOVAL RATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FRU	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FRU	NRASES
251	5A65008764442FW	0.00073	4	1.00	0.00374	2	0.31	0.004	4443.	0.0201	89	11.71	0.209	17
252	5A6500759A099FW	0.00067	4	1.00	0.00277	2	0.40	0.008	4896.	0.0180	97	13.51	0.472	17
253	5A65008685177FW	0.00081	2	0.53	0.00342	0	0.02	0.	2179.	0.0258	19	0.60	0.	17
254	5A65008685230FW	0.00077	4	0.76	0.00962	0	0.01	0.006	3043.	0.0268	4	0.27	0.211	17
255	5A65008685231FW	0.00134	2	0.53	0.00438	1	0.01	0.	2882.	0.0258	36	0.56	0.	17
256	5A65001149262FW	0.00050	1	1.00	0.00321	0	0.00	0.	305.	0.0278	8	0.12	0.	17
257	5A65010169623FW	0.00072	1	0.91	0.00734	3	0.11	0.	5946.	0.0232	143	4.87	0.	17
258	5A65010211657FW	0.00132	2	0.64	0.00649	2	0.35	0.006	2505.	0.0346	58	14.15	0.173	12
259	5A65010376742FW	0.00096	1	0.09	0.00229	2	0.52	0.018	6905.	0.0333	6	1.58	0.053	3
260	5A65010384616FW	0.00069	2	0.78	0.00232	5	4.21	0.492	17946.	0.0350	151	118.07	14.076	17
261	5A65010385738FW	0.00305	1	0.09	0.00336	2	1.11	0.153	10086.	0.0333	6	3.41	0.800	3
262	5A65010390697FW	0.00088	1	0.09	0.00208	4	0.51	0.000	6692.	0.0333	12	1.59	0.001	3
263	5A65010399443FW	0.00072	1	0.09	0.00213	2	0.33	0.005	2016.	0.0333	7	1.27	0.015	3
264	5A65010399444FW	0.00068	1	0.09	0.00252	1	0.23	0.025	4158.	0.0333	4	1.02	0.074	3
265	5A65010418257FW	0.00095	2	0.55	0.00569	9	0.61	0.	728.	0.0363	254	16.93	0.	12
266	5A65010418258FW	0.00361	1	0.09	0.00184	5	2.12	0.029	123718.	0.0333	16	7.13	0.088	3
267	5A65010419400FW	0.00465	1	0.09	0.00264	1	1.89	0.039	91047.	0.0333	4	6.53	3.117	3
268	5A65010419422FW	0.00092	1	0.09	0.00233	2	0.39	0.008	8812.	0.0333	7	1.49	0.025	3
269	5A65010428158FW	0.00133	1	0.09	0.00279	2	0.57	0.023	87895.	0.0333	6	1.76	0.070	3
270	5A65010433947FW	0.00100	1	0.09	0.00191	3	0.54	0.003	6199.	0.0333	10	1.97	0.004	3
271	5A65010439504FW	0.00052	1	0.09	0.00234	2	0.20	0.001	5658.	0.0333	7	0.82	0.004	3
272	5A65010440448FW	0.00169	2	0.09	0.00159	8	2.72	0.003	15164.	0.0333	23	7.88	0.008	3
273	5A65010440505FW	0.00056	1	0.09	0.00116	1	0.45	0.087	6789.	0.0333	4	1.82	0.261	3
274	5A65010441802FW	0.00484	1	0.09	0.00294	2	2.03	0.562	94653.	0.0333	6	6.15	1.685	3
275	5A65010446258FW	0.00554	1	0.09	0.00148	1	0.44	0.085	108562.	0.0333	4	1.80	0.256	3
276	5A650104454512FW	0.00582	1	0.09	0.00486	5	1.61	0.008	89131.	0.0333	14	4.44	0.024	3
277	5A65010464122FW	0.00279	2	0.09	0.00229	14	3.53	0.000	97166.	0.0333	41	9.03	0.000	3
278	5A65010464188FW	0.00442	1	0.09	0.00494	7	1.40	0.000	86108.	0.0333	22	4.78	0.000	3
279	5A65010464211FW	0.00108	1	0.09	0.00251	3	0.51	0.002	2395.	0.0333	9	1.62	0.006	3
280	5A65010465833FW	0.00112	1	0.09	0.00142	3	0.97	0.021	2089.	0.0333	9	2.98	0.063	3
281	5A65010481589FW	0.00055	6	0.88	0.00281	2	0.41	0.009	3894.	0.0202	91	13.23	0.463	17
282	5A65010493064FW	0.00400	3	0.09	0.00143	5	10.45	5.481	58662.	0.0333	15	31.37	16.484	3
283	5A65010501455FW	0.00327	1	0.09	0.00254	2	1.59	0.321	33450.	0.0333	6	4.84	0.962	3
284	5A65010683825FW	0.00610	1	0.09	0.00320	5	2.55	0.068	92417.	0.0333	14	7.15	0.203	3
285	5A65010746318FW	0.00687	1	0.09	0.00282	5	2.76	0.095	79943.	0.0333	16	9.14	0.285	3
286	5A65010805675FW	0.00333	1	0.55	0.00482	5	1.41	0.004	6215.	0.0312	154	47.80	0.131	12
287	5A65010976255FW	0.00069	2	0.78	0.00206	3	3.12	0.740	22725.	0.0350	75	75.84	21.180	17
288	5A65011466831FW	0.00496	1	0.55	0.00684	9	0.89	0.	27598.	0.0327	280	27.33	0.	12
289	5A650001178436	0.00234	2	0.12	0.00589	8	0.27	0.	4052.	0.1050	76	2.57	0.	5
290	5A650001680798	0.00877	1	1.00	0.00964	14	1.07	0.	14550.	0.0278	497	38.31	0.	17
291	5A65002263177	0.00050	1	0.09	0.00215	3	0.39	0.001	4526.	0.0333	8	0.88	0.002	3
292	5A65003977851	0.00243	1	0.14	0.00466	2	0.30	0.004	11795.	0.0810	20	2.15	0.047	12
293	5A65003977852	0.00147	1	0.55	0.00789	2	0.23	0.002	1170.	0.0810	28	3.10	0.022	12
294	5A65004451036	0.00055	1	0.36	0.00789	3	0.52	0.002	1880.	0.1050	28	3.10	0.022	5
295	5A65005205891	0.00824	1	0.55	0.01055	12	1.06	0.	9665.	0.0810	143	13.05	0.	12
296	5A65007908764	0.00558	1	1.00	0.00840	20	0.84	0.	4765.	0.0278	726	30.05	0.	17
297	5A65008100140	0.00909	1	0.55	0.00971	15	1.29	0.	3253.	0.0810	351	30.89	0.	12
298	5A65008100189	0.00974	1	0.68	0.00854	20	1.87	0.	14152.	0.0313	651	59.65	0.	12
299	5A65008257334	0.00071	2	0.20	0.00385	3	0.18	0.	1615.	0.0391	82	4.52	0.	5
300	5A65008190400	0.00449	2	0.88	0.01085	19	1.01	0.	4162.	0.0347	538	29.20	0.	17

INDEX	NSN	REMOVAL RATE	QPA	FAP	HEPATH RATE	INITIAL STOCK	RESUPPLY	EBII	COST	PROGRATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL EBII	NRASES
301	5895009190410	0.00163	2	0.16	0.00992	32	0.09	0.	283.	0.0442	731	2.13	0.	17
302	5895009190413	0.00062	2	0.88	0.00213	4	0.76	0.001	7016.	0.0351	120	20.91	0.035	17
303	58950078623210X	0.00133	1	0.36	0.00635	6	0.21	0.	8396.	0.1050	58	1.99	0.	5
304	5895008019530X	0.00133	1	0.36	0.00607	4	0.57	0.000	9472.	0.1050	34	2.09	0.003	5
305	599000244515N1	0.00234	1	0.60	0.00365	5	0.83	0.000	3770.	0.0265	174	20.76	0.010	17
306	6105002620432HF	0.00426	1	0.64	0.00316	12	2.17	0.	882.	0.0813	147	26.67	0.	12
307	6110000978394HF	0.00267	2	1.00	0.00366	20	1.91	0.	1669.	0.0335	608	57.11	0.	17
308	611000187101HAF	0.00059	1	1.00	0.00336	5	0.22	0.	4765.	0.0278	172	7.94	0.	17
309	6110005717654HF	0.00200	1	1.00	0.00375	7	0.70	0.	2429.	0.0278	252	25.24	0.	17
310	6115008681999EW	0.00184	5	0.19	0.00119	1	0.10	0.005	3180.	0.0268	39	2.00	0.176	17
311	6115009031256RF	0.00247	2	1.00	0.00579	8	1.12	0.	2930.	0.0335	233	33.46	0.	17
312	6115010267271EW	0.00171	4	0.28	0.00302	0	0.02	0.021	4200.	0.0269	2	0.89	0.777	17
313	6340001165963BF	0.00113	2	1.00	0.00437	10	0.64	0.	1100.	0.0278	343	22.99	0.	17
314	6605001113645	0.00084	1	0.91	0.00429	5	0.22	0.	349.	0.0201	252	10.76	0.	17
315	6605008365333	0.00847	1	0.66	0.00897	7	0.90	0.	20723.	0.0218	318	41.44	0.	17
316	6605008365335	0.01156	1	0.66	0.00624	12	1.40	0.	61795.	0.0243	508	57.67	0.	17
317	6605009159319	0.00244	1	0.29	0.00655	6	0.28	0.	16307.	0.1050	58	2.68	0.	5
318	6605009458168	0.01023	1	0.66	0.00534	10	1.46	0.	53144.	0.0218	484	66.99	0.	17
319	6605009497835	0.00622	1	0.66	0.00886	4	0.60	0.	25516.	0.0373	111	16.06	0.	12
320	6605009876166	0.00085	1	0.66	0.00965	4	0.06	0.	1242.	0.0218	183	2.78	0.	17
321	6605009940194	0.01606	1	0.66	0.00819	9	1.50	0.	48723.	0.0218	408	68.86	0.	17
322	660500992278	0.00617	1	0.29	0.00898	12	0.56	0.	27786.	0.1050	110	5.33	0.	5
323	6605010787915	0.00769	1	0.34	0.00877	3	0.34	0.015	82187.	0.0526	64	6.46	0.	17
324	6610000109356RF	0.00121	1	0.64	0.00564	2	0.48	0.	2473.	0.0813	21	4.24	0.180	12
325	6610000657276RF	0.00054	2	1.00	0.00366	5	0.38	0.	402.	0.0278	172	13.78	0.	17
326	6610000863844	0.00150	1	0.36	0.00467	5	0.32	0.	3896.	0.1050	49	3.06	0.	5
327	6610000863840	0.00144	2	0.91	0.00446	11	1.03	0.	5197.	0.0100	1055	103.42	0.	17
328	6610001337868	0.00070	1	0.91	0.00405	1	0.13	0.008	633.	0.0209	71	9.29	0.359	17
329	6610001506785	0.00153	1	1.00	0.00364	6	0.56	0.	2994.	0.0278	200	20.20	0.	17
330	6610001811750	0.00058	1	0.91	0.00408	1	0.09	0.004	1147.	0.0261	57	5.88	0.151	17
331	6610001812539	0.00120	2	0.91	0.00288	6	1.16	0.000	531.	0.0232	266	40.65	0.010	17
332	6610004001201RF	0.00064	1	0.64	0.00306	2	0.50	0.016	4119.	0.0813	21	4.46	0.197	12
333	6610004001202RF	0.00096	2	0.70	0.00368	5	0.49	0.	1669.	0.0318	162	15.56	0.	17
334	6610004002892RF	0.00523	1	0.36	0.00747	5	1.26	0.002	24598.	0.1050	46	6.74	0.022	5
335	6610004335200	0.00459	1	0.13	0.00295	2	0.43	0.011	33517.	0.0278	59	9.75	0.385	17
336	6610004546632RF	0.00666	1	0.64	0.00426	10	1.21	0.	56358.	0.0813	120	14.83	0.	12
337	6610004629837RF	0.00404	1	1.00	0.00316	4	1.86	0.056	5079.	0.0480	91	38.59	1.175	17
338	6610004806633RF	0.00058	1	0.36	0.00507	4	0.11	0.	1480.	0.0346	112	3.05	0.	5
339	6610004809436RF	0.00149	1	1.00	0.00404	6	0.60	0.	6272.	0.0278	208	21.48	0.	17
340	6610007998315	0.00165	1	1.00	0.00391	5	0.56	0.	8343.	0.0246	215	22.73	0.	17
341	6610008184117HF	0.00147	1	1.00	0.00327	2	0.62	0.030	9594.	0.0278	59	15.35	1.061	17
342	6610008451070	0.00334	1	0.64	0.00410	12	1.12	0.	10407.	0.0303	409	37.09	0.	12
343	6610008536967RF	0.00067	1	0.36	0.00352	1	0.17	0.014	1973.	0.1050	14	1.79	0.129	5
344	6610008536990PF	0.00162	1	0.36	0.00366	2	0.44	0.012	2940.	0.0346	67	11.87	0.333	5
345	6610008831034	0.00229	1	1.00	0.00396	8	1.04	0.	2462.	0.0199	407	52.27	0.	17
346	6610009250934	0.00739	1	0.12	0.00291	3	0.73	0.008	2689.	0.0315	82	13.94	0.250	17
347	6610009250935	0.00139	1	0.12	0.00291	1	0.17	0.014	1928.	0.0289	30	2.80	0.495	17
348	6610009453112RF	0.00352	1	1.00	0.00333	40	13.46	0.000	1819.	0.0278	1089	469.62	0.001	17
349	6610009539670	0.00114	1	0.91	0.00364	5	0.41	0.	1051.	0.0223	246	18.24	0.	17
350	6610009867628RF	0.00130	2	1.00	0.00462	9	0.93	0.	1143.	0.0278	334	33.33	0.	17

INDEX	NSH	REMOVAL RATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FTHU	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FTHU	NRASES
351	6610009888888888	0.00639	1	0.02	0.00363	0	0.10	0.004	4910.	0.0035	78	28.32	1.135	5
352	6610009942170	0.00107	2	0.48	0.00407	5	0.25	0.	2653.	0.0234	228	10.68	0.	17
353	66100099887588F	0.00226	1	1.00	0.00339	4	1.04	0.005	13191.	0.0278	143	31.63	0.186	17
354	6610010307616	0.00153	1	0.91	0.00880	4	0.17	0.	2083.	0.0230	178	7.59	0.	17
355	6610010451020	0.00119	1	1.00	0.00329	3	0.44	0.001	17059.	0.0278	125	17.20	0.043	17
356	6610010744653	0.00500	1	0.09	0.00067	12	6.90	0.045	660.	0.3333	35	26.52	0.134	3
357	6610010744736	0.00200	1	0.09	0.00067	4	3.14	0.370	19198.	0.3333	11	10.61	1.111	3
358	6615000228011	0.00271	1	1.00	0.00724	11	0.57	0.	8049.	0.0265	400	21.36	0.	17
359	6615000593851	0.00604	1	0.64	0.00316	25	3.04	0.	12261.	0.0366	690	83.03	0.	12
360	66150037392548F	0.00080	1	1.00	0.00379	4	0.25	0.	9269.	0.0278	135	8.94	0.	17
361	66150042004068F	0.00051	3	0.97	0.00347	4	0.54	0.000	7354.	0.0273	138	13.24	0.010	17
362	6615005506628	0.00210	1	0.36	0.00433	8	0.84	0.	1699.	0.0067	1183	125.92	0.	5
363	6615005677949	0.00227	1	0.36	0.00548	6	0.38	0.	4372.	0.1050	58	3.62	0.	5
364	66150059051728F	0.00148	1	1.00	0.00926	5	0.21	0.	4356.	0.0278	182	7.60	0.	17
365	6615006009698F	0.00065	1	1.00	0.00231	4	0.59	0.000	2070.	0.0278	126	12.72	0.014	17
366	6615007202431	0.00054	1	0.91	0.00480	2	0.13	0.	1779.	0.0261	73	4.97	0.	17
367	6615007591367	0.00150	1	0.36	0.00492	4	0.28	0.	1341.	0.1050	36	2.67	0.	5
368	6615007591435	0.00078	1	0.36	0.00689	4	0.10	0.	686.	0.1050	38	0.99	0.	5
369	6615008699834	0.00082	1	0.55	0.00543	2	0.17	0.	767.	0.0348	67	4.92	0.	12
370	6615009099801	0.00110	1	0.36	0.00678	4	0.15	0.	1261.	0.1050	42	1.42	0.	5
371	6615009825301	0.00147	1	0.64	0.00523	8	0.46	0.	2718.	0.0358	226	12.80	0.	12
372	66150101595398F	0.00396	1	0.77	0.00947	7	0.39	0.	57985.	0.0245	302	15.95	0.	17
373	66150105204228F	0.00107	1	1.00	0.00520	3	0.27	0.000	957.	0.0278	122	9.54	0.006	17
374	66150105204238F	0.00065	1	1.00	0.00275	3	0.44	0.001	800.	0.0278	100	10.94	0.044	17
375	66150105460758F	0.00167	1	1.00	0.00189	6	1.17	0.000	957.	0.0278	231	41.03	0.009	17
376	66150107092438F	0.00399	1	0.23	0.00742	0	0.18	0.123	58316.	0.0501	4	3.56	2.445	17
377	66200005538827	0.00082	2	0.91	0.00389	8	0.48	0.	2575.	0.0261	293	18.36	0.	17
378	6645008722128	0.00061	1	0.91	0.00358	2	0.21	0.001	2777.	0.0235	93	8.62	0.061	17
379	6680004808147	0.00164	1	0.09	0.00166	4	1.05	0.005	2184.	0.3333	13	3.71	0.016	3
380	6680006518045	0.00332	1	1.00	0.00389	17	1.50	0.	855.	0.0278	606	54.00	0.	17
381	6680008008488F	0.00051	2	1.00	0.00372	5	0.36	0.	2143.	0.0278	162	12.94	0.	17
382	66800089450058F	0.00275	1	0.36	0.00480	6	0.54	0.	2792.	0.0346	174	15.46	0.	5
383	66850011596068F	0.00061	1	0.64	0.00353	4	0.24	0.	3676.	0.0383	109	6.35	0.	12
384	6685006845176	0.00119	2	0.91	0.00392	15	0.42	0.	704.	0.0243	606	37.89	0.	17
385	6710002600300	0.00063	1	0.55	0.00527	3	0.15	0.	2658.	0.0454	62	3.23	0.	12
386	6720000152005	0.00215	1	0.36	0.01243	4	0.17	0.	9989.	0.1050	40	1.65	0.	5
387	6720001034963	0.00066	1	0.29	0.00358	9	0.13	0.	3985.	0.0810	114	1.61	0.	12
388	6720001257219	0.00526	3	0.27	0.00868	10	1.29	0.	26118.	0.1050	91	12.24	0.	5
389	6720006468146	0.00112	1	0.06	0.00751	1	0.15	0.011	16067.	0.1050	5	0.22	0.107	5
390	6720008791127	0.00164	1	0.14	0.00697	3	0.09	0.	32087.	0.1050	32	0.89	0.	5
391	6720009150597	0.00327	3	0.08	0.00484	6	0.46	0.	14183.	0.1050	58	4.41	0.	5
392	6720009202403	0.00157	1	0.21	0.00432	3	0.44	0.002	10482.	0.1050	24	1.90	0.016	5
393	6720010384972	0.00408	1	0.18	0.00662	2	0.47	0.014	12114.	0.1050	20	2.75	0.132	5
394	6720010388968	0.00216	1	0.18	0.00804	2	0.14	0.	9522.	0.1050	20	1.31	0.	5
395	6720010393324	0.00084	1	0.18	0.00833	7	0.50	0.	91134.	0.1050	63	4.74	0.	5
396	6720010451828	0.00824	1	0.18	0.00590	5	1.39	0.004	164374.	0.1050	43	6.34	0.036	5
397	6760000035596	0.00072	2	0.13	0.01075	7	0.05	0.	1327.	0.1050	63	0.43	0.	5
398	6760000037265	0.00376	1	0.13	0.01211	5	0.11	0.	18238.	0.1050	43	1.00	0.	5
399	6760000062765	0.00127	1	0.13	0.00731	1	0.06	0.	48740.	0.1050	14	0.56	0.	5
400	6760000151926	0.00101	4	0.36	0.00802	11	0.46	0.	713.	0.1050	107	4.41	0.	5

INDEX	NSN	REMOVAL DATE	QPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	ERO	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FHO	NRASES
401	6760000151427	0.00105	4	0.36	0.01022	20	0.38	0.	2557.	0.1050	192	3.58	0.	5
402	6760000384689	0.00215	1	0.02	0.00270	0	0.04	0.039	65995.	0.1050	0	0.37	0.369	5
403	6760001455298	0.00095	6	0.27	0.00755	5	0.53	0.	1829.	0.1050	52	5.07	0.	5
404	6760001683292	0.00435	1	0.18	0.00614	3	0.47	0.002	14368.	0.1050	33	3.37	0.015	5
405	6760002251876	0.00165	3	0.08	0.00421	4	0.27	0.	14756.	0.1050	39	2.56	0.	5
406	6760004051090	0.00182	1	0.55	0.00807	3	0.48	0.002	1514.	0.0496	62	9.91	0.035	12
407	6760004356212	0.00208	1	0.02	0.00369	1	0.13	0.008	10313.	0.1050	9	0.29	0.076	5
408	6760004777732	0.00258	1	0.36	0.00499	5	0.96	0.001	107164.	0.1050	46	4.53	0.005	5
409	6760004833094	0.00827	3	0.27	0.00855	10	2.99	0.000	24810.	0.1050	99	20.75	0.004	5
410	6760005599514	0.00729	1	0.18	0.00741	2	0.64	0.032	31646.	0.1050	21	4.40	0.307	5
411	6760007023379	0.00169	3	0.27	0.00941	5	0.75	0.000	18578.	0.1050	49	3.95	0.001	5
412	6760007535420	0.00099	1	0.36	0.01012	1	0.09	0.004	12051.	0.1050	14	0.86	0.040	5
413	6760008790899	0.00170	1	0.18	0.00571	9	0.35	0.	3600.	0.1050	86	1.31	0.	5
414	6760008790900	0.00253	1	0.36	0.00729	8	0.14	0.	3270.	0.1050	80	3.31	0.	5
415	6760008790902	0.00111	1	0.23	0.00521	10	0.14	0.	2160.	0.1050	91	1.31	0.	5
416	6760008808389	0.00094	1	0.36	0.00369	5	0.24	0.	1946.	0.1050	44	2.24	0.	5
417	6760008913748	0.00062	4	0.30	0.00895	10	0.23	0.	692.	0.1050	95	2.19	0.	5
418	6760008944344	0.00170	1	0.27	0.01174	2	0.11	0.	32889.	0.1050	19	1.07	0.	5
419	6760009991668	0.00068	3	0.08	0.00508	3	0.09	0.	6267.	0.1050	24	0.87	0.	5
420	6760010293270	0.00617	1	0.36	0.00992	15	0.62	0.	11637.	0.1050	143	5.90	0.	5
421	6760010390504	0.00303	1	0.18	0.00681	3	0.58	0.003	24264.	0.1050	27	2.07	0.032	5
422	6760010557440	0.00130	1	0.34	0.00441	1	0.24	0.027	24266.	0.1050	14	2.66	0.258	5
423	7021010350714	0.00072	1	0.09	0.00156	3	0.55	0.003	14231.	0.3333	9	1.73	0.008	3
424	7021010374951	0.00443	1	0.09	0.00323	2	2.95	1.208	103902.	0.3333	7	9.79	3.625	3

INDEX	NSH	REMOVAL RATE	UPA	FAP	REPAIR RATE	INITIAL STOCK	HFSUPPLY	ERO	COST	PRIORITING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL ERO	WESUPP DAYS	MURS
1	1430010454699HF	0.01746	1	0.64	0.00547	3	5.46							7.61	18.00
2	1430010387038HF	0.01700	1	0.64	0.00589	4	4.71							7.07	14.66
3	6410010744653	0.00500	1	0.09	0.00067	12	6.90							62.00	13.63
4	5465010446258HF	0.00554	1	0.09	0.00148	1	0.44							28.13	12.01
5	5465010446258HF	0.00400	3	0.09	0.00143	5	10.45							29.04	8.02
6	5461001234698	0.01436	1	0.36	0.00621	12	2.40							6.71	7.91
7	7021010374951	0.00843	1	0.09	0.00323	2	2.95							12.89	7.26
8	5441001773387	0.01304	1	0.36	0.00613	12	2.21							6.40	6.31
9	6610010744736	0.00200	1	0.09	0.00067	4	3.14							62.00	6.25
10	5465010419400HF	0.00465	1	0.09	0.00264	1	1.89							15.81	5.22
11	5465001994210HF	0.00109	4	0.98	0.00146	0	0.81							28.54	4.91
12	641000429837HF	0.00404	1	1.00	0.00316	4	1.86							13.20	4.79
13	2440004818049PL	0.00149	2	0.26	0.00171	1	0.77							24.30	4.60
14	143001039244HF	0.01285	1	0.17	0.00539	0	0.97							7.74	4.08
15	5465010441802HF	0.00484	1	0.09	0.00294	2	2.03							14.17	3.87
16	2440006903727PL	0.00162	2	0.36	0.00311	1	0.15							13.40	3.83
17	1560010440243HF	0.00454	1	0.09	0.00161	6	3.68							25.88	3.81
18	5462010448961	0.00310	2	0.21	0.00412	0	0.14							10.12	3.73
19	1430010610350HF	0.00607	1	0.64	0.00694	2	1.49							6.00	3.73
20	5465010746314HF	0.00647	1	0.09	0.00282	5	2.76							14.78	3.61
21	544100433236	0.01340	1	0.36	0.00777	12	1.85							5.36	3.56
22	6740004833094	0.00827	3	0.27	0.00855	10	2.99							4.87	3.26
23	5441001234697	0.00733	1	0.36	0.00557	14	1.86							7.48	3.24
24	5441001234695	0.01419	1	0.36	0.00717	14	1.82							5.41	3.22
25	5462010183511	0.00148	2	1.00	0.00186	6	2.53							22.38	3.08
26	5462010395000	0.00600	1	0.24	0.00322	0	0.65							12.94	3.01
27	2440004262102PL	0.00164	2	0.26	0.00293	1	0.52							14.20	2.83
28	5462010401785	0.00692	1	0.17	0.00315	1	0.95							13.22	2.66
29	2620000844523	0.01708	2	0.88	0.00231	83	17.16							18.00	2.63
30	1270010251430	0.00530	1	0.09	0.00245	5	2.43							17.02	2.62
31	5441002025385	0.01377	1	0.36	0.00572	18	2.27							7.28	2.60
32	1430010387055HF	0.00484	1	0.64	0.00694	2	1.19							6.00	2.56
33	5465010601455HF	0.00327	1	0.09	0.00254	2	1.59							16.42	2.54
34	2440004075488PL	0.00141	2	0.36	0.00349	1	0.03							10.72	2.53
35	1270010588980	0.00483	1	0.55	0.00391	3	0.72							8.48	2.40
36	2440000871741PL	0.00084	2	0.90	0.00180	1	1.44							23.13	2.35
37	6740005594514	0.00729	1	0.18	0.00677	2	0.64							5.62	2.29
38	5441001979891	0.02361	1	0.36	0.00677	2	3.28							6.14	2.16
39	5465003713344HF	0.00133	4	0.98	0.00677	3	0.57							13.03	2.04
40	1480007580950HF	0.00230	1	0.36	0.00309	3	0.77							10.72	1.96
41	5465010683825HF	0.00610	1	0.09	0.00320	5	2.55							13.01	1.77
42	5465010418822HF	0.00361	1	0.09	0.00188	5	2.12							22.20	1.73
43	4115008681998HF	0.00184	5	0.19	0.00119	1	0.10							35.04	1.72
44	6610004536990HF	0.00162	1	0.36	0.00366	2	0.44							11.34	1.71
45	5465002490554HF	0.00107	2	0.68	0.00298	0	0.00							14.00	1.67
46	546500099388HF	0.00103	5	0.98	0.00346	2	0.42							12.05	1.62
47	1430002356325HF	0.01023	1	0.51	0.00476	4	1.38							4.27	1.60
48	24400010564217PL	0.00062	2	0.26	0.00228	0	0.47							18.26	1.59
49	1560004896617HF	0.00054	1	0.36	0.00282	0	0.18							14.75	1.59
50	1430004463778	0.01676	2	1.00	0.00753	29	5.53							5.53	1.58



INDEX	NSH	REMOVAL RATE	OPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	ERO	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL ERO	RESHIP DAYS	NUMS
51	5A65000233292FW	0.00200	2	0.68	0.00613	0	0.00							6.80	1.57
52	2A4000740417PL	0.00120	2	0.26	0.00292	2	0.61							14.28	1.46
53	67A0010557440	0.00130	1	0.34	0.00441	1	0.24							9.45	1.36
54	5A65001627964FW	0.00070	3	0.97	0.00234	2	0.22							17.83	1.31
55	5A41010690075	0.00400	1	0.06	0.00457	0	0.14							9.12	1.26
56	5A65010385748FW	0.00305	1	0.09	0.00336	2	1.11							12.41	1.23
57	5A410106839A1	0.00400	1	0.06	0.00254	1	0.21							16.40	1.21
58	5A26010403093	0.00217	1	0.24	0.00301	0	0.24							13.84	1.16
59	5A65007590994FW	0.00067	4	1.00	0.00277	2	0.40							15.02	1.15
60	6A10004028922BF	0.00523	1	0.36	0.00747	5	1.26							5.58	1.11
61	5A4100186315A	0.00419	1	0.03	0.00250	0	0.12							16.64	1.10
62	6A1000A14117RF	0.00147	1	1.00	0.00327	2	0.62							12.74	1.09
63	6115010267271FW	0.00171	4	0.28	0.00302	0	0.02							13.78	1.09
64	5A65004376027FW	0.00118	2	0.68	0.00260	2	0.01							16.00	1.09
65	1560007883941RF	0.00066	1	1.00	0.00216	1	0.51							19.33	1.09
66	5A65010149262FW	0.00050	1	1.00	0.00321	0	0.00							13.00	1.06
67	5A6500188791AFW	0.00050	1	1.00	0.00324	0	0.00							12.86	1.07
68	2A40001335090PL	0.00076	2	0.26	0.00289	1	0.54							14.40	1.07
69	6A1000389886RF	0.00639	1	0.02	0.00363	0	0.10							11.49	1.03
70	1560010345844RF	0.00225	1	0.09	0.00833	0	0.34							5.00	1.02
71	6720010451828	0.00824	1	0.18	0.00590	5	1.39							7.07	0.99
72	5B65010481589FW	0.00055	6	0.98	0.00281	2	0.41							14.83	0.99
73	1270006641997	0.00441	1	0.55	0.00487	4	0.70							8.55	0.96
74	5A65000859945FW	0.00059	2	0.68	0.00286	0	0.00							14.57	0.95
75	1680001140314RF	0.00139	1	0.36	0.01389	0	0.10							3.00	0.94
76	5A26002560655	0.00252	1	0.07	0.00431	0	0.11							9.67	0.93
77	6A15010709243RF	0.00399	1	0.23	0.00742	0	0.18							5.62	0.88
78	5A65004095152FW	0.00112	2	1.00	0.00578	1	0.00							7.20	0.88
79	5A26010395013	0.00340	1	0.24	0.00294	1	0.53							14.19	0.87
80	5A65008685177FW	0.00081	2	0.53	0.00342	0	0.02							12.19	0.86
81	5A41001862487	0.00279	1	0.03	0.00213	0	0.10							19.54	0.86
82	5A65004764442FW	0.00073	4	1.00	0.00374	2	0.31							11.14	0.85
83	5A41001863142	0.00690	1	0.03	0.00580	0	0.09							7.19	0.82
84	4310010183040RF	0.00157	1	1.00	0.00281	3	0.66							14.81	0.81
85	6720001257214	0.00526	3	0.27	0.00468	10	1.29							4.80	0.80
86	5A65001350116FW	0.00104	6	0.84	0.00809	0	0.01							5.15	0.78
87	5A65001559266FW	0.00055	10	0.98	0.00379	2	0.37							10.99	0.78
88	1430009190037RF	0.00142	1	0.55	0.00435	1	0.13							9.58	0.78
89	5A65001350117FW	0.00084	6	0.84	0.00665	0	0.01							6.26	0.75
90	4310010397267PK	0.00162	1	0.18	0.00388	1	0.37							10.75	0.75
91	5A41001734100	0.00550	1	0.03	0.00525	0	0.08							7.94	0.71
92	2A40009968240PL	0.00053	2	0.26	0.00261	1	0.30							15.96	0.71
93	5B65000076949FW	0.00057	4	0.98	0.00403	1	0.14							10.33	0.70
94	5A65003244045FW	0.00063	2	0.53	0.00324	0	0.01							12.86	0.70
95	5A26010395015	0.00113	1	0.24	0.00261	0	0.15							15.95	0.69
96	5A65010400505FW	0.00056	1	0.09	0.00116	1	0.45							35.94	0.68
97	6720010389972	0.00408	1	0.18	0.00662	2	0.47							6.30	0.67
98	14A000450073RF	0.00090	3	0.94	0.00297	4	0.61							14.01	0.62
99	14300106A2150RF	0.00137	2	0.55	0.00694	1	0.04							6.00	0.61
100	6A10009988758RF	0.00224	1	1.00	0.00339	4	1.04							12.29	0.58

INDEX	NSN	REMOVAL DATE	QPA	FAP	REPAIR DATE	INITIAL STOCK	REF SUPPLY FPO	CUST	PREPARING FACTION	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FMO	REF SUPP DAYS	MURS
101	661000536967RF	0.00067	1	0.36	0.00352	1	0.17						11.84	0.58
102	5821010468605	0.00218	1	1.00	0.00603	2	0.63						6.91	0.57
103	5826010424054	0.00388	1	0.24	0.00411	1	0.49						10.13	0.54
104	5841000831393	0.00058	1	0.36	0.00313	1	0.47						13.30	0.53
105	586500076945FW	0.00055	4	0.98	0.00360	2	0.23						11.57	0.53
106	1560010756968RF	0.00063	1	0.25	0.00242	1	0.16						17.22	0.49
107	584100186852	0.00465	1	0.03	0.00657	0	0.06						6.34	0.49
108	1560008747388F	0.00067	1	0.36	0.00378	1	0.11						11.01	0.49
109	5841001863157	0.00341	1	0.03	0.00480	0	0.06						8.69	0.48
110	5841001862251	0.00450	1	0.03	0.00653	0	0.05						6.38	0.48
111	6605009940194	0.01606	1	0.66	0.00819	4	1.50						5.09	0.46
112	5865008685230FW	0.00077	4	0.76	0.00962	0	0.01						4.33	0.45
113	5865001681504FW	0.00097	2	0.53	0.00872	0	0.01						4.78	0.43
114	5821010512886	0.00166	1	0.05	0.00280	0	0.09						14.90	0.41
115	586500009482FW	0.00055	3	0.97	0.00350	2	0.26						11.89	0.39
116	676000389689	0.00215	1	0.02	0.00270	0	0.04						15.43	0.33
117	5865010211657FW	0.00132	2	0.64	0.00649	2	0.35						6.42	0.33
118	5865008685231FW	0.00139	2	0.53	0.00638	1	0.01						6.54	0.32
119	5841004000322	0.00217	1	0.03	0.00463	0	0.04						9.00	0.32
120	1430010384948RF	0.00151	1	0.64	0.00287	3	0.96						14.54	0.30
121	5841009848299	0.00287	1	0.03	0.00693	0	0.03						6.01	0.29
122	5841003718399	0.00271	1	0.03	0.00662	0	0.03						6.29	0.28
123	5841004683881	0.00147	1	0.03	0.00351	0	0.03						11.88	0.28
124	1430010533212RF	0.00135	1	0.64	0.00694	1	0.27						6.00	0.27
125	5841003714322	0.00109	1	0.03	0.00273	0	0.03						15.28	0.26
126	5865010976255FW	0.00069	2	0.78	0.00206	3	3.12						20.18	0.25
127	5841001862902	0.00093	1	0.03	0.00250	0	0.03						16.64	0.24
128	295006911224	0.00179	2	1.00	0.00331	7	1.47						12.58	0.22
129	5826010419255	0.00252	1	0.24	0.00337	1	0.35						12.35	0.21
130	5865000159368FW	0.00081	2	0.51	0.01563	0	0.00						2.67	0.21
131	1660006778330	0.00056	1	0.36	0.00397	1	0.15						10.50	0.17
132	166000714255	0.00513	1	0.91	0.00224	14	2.43						18.63	0.15
133	6610001337868	0.00070	1	0.91	0.00405	1	0.13						10.28	0.08
134	5841001862912	0.00085	1	0.03	0.00731	0	0.01						5.70	0.08
135	6760001683292	0.00435	1	0.18	0.00614	3	0.07						6.78	0.04
136	1430001790011HF	0.00053	1	0.03	0.00423	0	0.01						9.85	0.04
137	1650009243005RF	0.00075	2	0.95	0.00320	3	0.28						13.01	0.03
138	6760001455298	0.00095	6	0.27	0.00755	5	0.53						5.52	0.01
139	6615010546075RF	0.00167	1	1.00	0.00189	6	1.17						22.02	-0.02
140	5865010399444FW	0.00068	1	0.09	0.00252	1	0.23						16.55	-0.04
141	5865004263144FW	0.00100	4	0.91	0.00549	5	1.68						7.59	-0.08
142	6610001811750	0.00058	1	0.91	0.00408	1	0.09						10.22	-0.11
143	6760007535420	0.00099	1	6.46	0.01012	1	0.09						4.12	-0.12
144	5841002428135	0.00400	1	0.03	0.00312	1	0.10						13.37	-0.15
145	1560007906873RF	0.00059	1	1.00	0.00496	1	0.21						8.41	-0.17
146	1560008670561HF	0.00073	2	1.00	0.00480	3	0.76						10.97	-0.17
147	1270005562269	0.01025	1	0.20	0.00538	4	0.95						7.74	-0.22
148	5841004215830	0.00097	2	0.03	0.00225	1	0.09						18.48	-0.22
149	1650001486504RF	0.00120	2	0.95	0.00347	5	0.40						12.00	-0.23
150	5865010465835FW	0.00112	1	0.09	0.00142	3	0.97						29.45	-0.24

INDEX	NSN	REMOVAL DATE	UPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY	FRQ	COST	PRORATING FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL FRQ	RESHIP DAYS	NURS
151	5A95009190413	0.00062	2	0.0A	0.00213	4	0.76							19.52	-0.25
152	1270010251433	0.00147	1	0.09	0.00299	2	0.50							13.96	-0.25
153	1430010597789FF	0.00064	1	0.64	0.00559	1	0.21							7.45	-0.26
154	5A65010400448FF	0.00169	2	0.09	0.00159	8	2.72							26.29	-0.29
155	5A65010428158FF	0.00133	1	0.09	0.00279	2	0.57							14.94	-0.32
156	5A65000159369FF	0.00125	2	0.51	0.00681	2	0.01							6.12	-0.32
157	1270010288441	0.00071	1	0.20	0.00209	1	0.19							19.98	-0.34
158	6615004200406FF	0.00051	3	0.97	0.00347	4	0.54							12.01	-0.34
159	127000528728	0.00100	1	0.20	0.00305	1	0.17							13.64	-0.35
160	5A41009169092	0.00090	1	0.36	0.00279	3	0.71							14.93	-0.35
161	1270001495219	0.00099	1	0.20	0.00303	1	0.18							13.74	-0.35
162	1560001430932HF	0.00227	1	0.55	0.00469	3	0.65							8.88	-0.35
163	1270003495873	0.00090	1	0.20	0.00285	1	0.16							14.64	-0.38
164	2A4000846275PL	0.00053	2	0.90	0.00299	3	0.75							13.92	-0.42
165	6610001812539	0.00120	2	0.91	0.00288	6	1.16							14.45	-0.42
166	5A2601041939A	0.00122	1	0.24	0.00342	1	0.20							12.18	-0.42
167	5A26010397621	0.00051	1	1.00	0.00221	2	0.44							18.83	-0.43
168	6760007023379	0.00169	3	0.27	0.00941	5	0.75							4.43	-0.43
169	1270005429309	0.00083	1	0.20	0.00290	1	0.16							14.35	-0.43
170	676000062765	0.00127	1	0.13	0.00731	1	0.06							5.70	-0.44
171	2620010579673	0.02334	2	0.12	0.00198	20	3.70							21.00	-0.44
172	5A2600994157A	0.00050	1	0.55	0.00503	1	0.09							8.28	-0.45
173	1270005518451	0.00086	1	0.20	0.00319	1	0.10							13.08	-0.46
174	1560010446002FF	0.00064	1	0.09	0.00438	1	0.19							9.51	-0.47
175	1270003482091	0.00064	1	0.20	0.00253	1	0.23							16.49	-0.50
176	1430001326677HF	0.00067	1	0.64	0.00280	2	0.47							14.91	-0.50
177	6610010451020	0.00119	1	1.00	0.00329	3	0.44							12.67	-0.51
178	1430001444198FF	0.00056	1	0.64	0.00233	2	0.42							17.92	-0.51
179	5A65010376742FF	0.00096	1	0.09	0.00229	2	0.52							18.23	-0.52
180	1430005072655FF	0.00721	1	0.17	0.00868	2	0.35							4.80	-0.52
181	5B26010419380	0.00096	1	0.24	0.00343	1	0.22							12.15	-0.55
182	16A0007580952FF	0.00057	1	0.36	0.00329	2	0.39							12.65	-0.55
183	6A80004808147	0.00164	1	0.09	0.00166	4	1.05							25.17	-0.56
184	5A26004889723	0.00368	1	0.02	0.00496	1	0.09							8.41	-0.56
185	6760002251876	0.00165	3	0.08	0.00421	4	0.27							9.90	-0.57
186	2A80006865740PL	0.00052	2	0.90	0.00351	4	0.68							11.86	-0.58
187	5A26010419381	0.00104	1	0.24	0.00424	1	0.18							9.83	-0.60
188	6610009250935	0.00119	1	0.12	0.00291	1	0.17							14.32	-0.60
189	5A26010299330	0.00195	1	1.00	0.00576	3	0.58							7.23	-0.60
190	5A65010419422FF	0.00092	1	0.09	0.00233	2	0.39							17.92	-0.60
191	6760004777732	0.00258	1	0.36	0.00499	5	0.96							8.35	-0.61
192	6610004335240	0.00059	1	0.13	0.00295	2	0.13							14.15	-0.61
193	1650010801569	0.00408	2	1.00	0.00411	15	1.85							10.13	-0.62
194	1630002769849	0.00180	2	1.00	0.00532	6	0.79							7.83	-0.62
195	661000109356FF	0.00121	1	0.64	0.00568	2	0.48							10.81	-0.63
196	5A95008257334	0.00071	2	0.20	0.00385	3	0.18							10.95	-0.63
197	16A00105208141S	0.00103	2	1.00	0.00380	5	0.29							10.55	-0.64
198	1650009243006FF	0.00082	2	0.95	0.00395	4	0.23							3.92	-0.64
199	1430000435192FF	0.00056	1	0.64	0.01063	1	0.10							10.77	-0.66
200	1430001117990FF	0.00144	1	0.64	0.00387	3	0.73								

INDEX	NSN	REMOVAL RATE	UPA	FAP	REPAIR RATE	INITIAL STOCK	RESUPPLY ERO	COST FACTOR	TOTAL STOCK	TOTAL RESUPPLY	TOTAL ERO	RESUPP DAYS	HOURS
201	5865010454512FM	0.00582	1	0.09	0.00486	5	1.61					8.58	-0.66
202	6610004001201RF	0.00064	1	0.64	0.00306	2	0.50					13.63	-0.68
203	6720009150597	0.00327	3	0.08	0.00484	6	0.46					8.60	-0.68
204	1660001359566	0.00185	1	0.91	0.00265	5	0.85					15.71	-0.69
205	1270003495215	0.00097	1	0.20	0.00640	1	0.21					6.51	-0.69
206	1270001145901	0.00136	1	0.20	0.00906	1	0.04					4.60	-0.69
207	1430001444336RF	0.00137	1	0.47	0.00143	5	1.34					29.08	-0.70
208	16800073357681S	0.00050	4	0.95	0.00424	6	0.29					9.84	-0.71
209	6760004356212	0.00208	1	0.02	0.00369	1	0.13					11.28	-0.72
210	1560000829.18PI	0.00052	1	0.55	0.01113	1	0.08					3.74	-0.72
211	1270004752473	0.00077	1	0.22	0.00644	1	0.03					6.47	-0.74
212	676000999166A	0.00068	3	0.08	0.00508	3	0.09					8.21	-0.74
213	1270000041879	0.00106	1	0.20	0.00887	1	0.05					4.70	-0.75
214	5841009402484	0.00188	1	0.36	0.00731	3	0.61					5.70	-0.76
215	1270010298391	0.00058	1	0.20	0.00493	1	0.07					8.46	-0.76
216	1270003939141	0.00061	1	0.20	0.00533	1	0.06					7.81	-0.77
217	1430001044333RF	0.00426	1	0.03	0.00631	1	0.13					6.61	-0.77
218	6720006468146	0.00112	1	0.06	0.00751	1	0.15					5.55	-0.78
219	5826004120522	0.00326	1	0.02	0.00918	1	0.02					4.54	-0.78
220	5826010408428	0.00094	1	0.24	0.00819	1	0.15					5.09	-0.80
221	2840010269455PI	0.00083	2	0.90	0.00303	5	1.23					13.74	-0.80
222	5865010399403FM	0.00072	1	0.09	0.00213	2	0.33					19.52	-0.81
223	6720010388968	0.00216	1	0.18	0.00804	2	0.14					5.18	-0.82
224	1620009891992	0.00077	1	1.00	0.00455	2	0.22					9.16	-0.82
225	6605010787915	0.00769	1	0.34	0.00877	3	0.34					4.75	-0.83
226	4140009414335TP	0.00150	1	0.36	0.00399	4	0.35					10.44	-0.84
227	1560009547528RF	0.00055	2	1.00	0.00230	5	0.86					18.12	-0.87
228	2995006141130PL	0.00069	2	0.90	0.00380	4	0.73					10.97	-0.88
229	6610009250934	0.00739	1	0.12	0.00291	3	0.73					14.31	-0.88
230	1430001945467RF	0.00084	1	0.64	0.00483	2	0.36					8.62	-0.89
231	2840010272393PI	0.00082	2	0.90	0.00319	5	0.85					13.05	-0.92
232	5865010384616FM	0.00069	2	0.78	0.00232	5	4.21					17.95	-0.92
233	6645008722124	0.00061	1	0.91	0.00358	2	0.21					11.63	-0.94
234	1430003592030RF	0.00082	1	0.03	0.00460	1	0.07					9.06	-0.94
235	5895003917852	0.00147	1	0.55	0.00749	2	0.23					5.28	-0.94
236	1430003934750RF	0.00057	1	0.03	0.00360	1	0.01					11.58	-0.95
237	1430005951721RF	0.00061	1	0.03	0.00694	1	0.01					6.00	-0.97
238	6760008944444	0.00170	1	0.27	0.01174	2	0.11					3.55	-0.97
239	6115000931256RF	0.00247	2	1.00	0.00579	8	1.12					7.20	-0.98
240	1560009193698RF	0.00055	1	0.36	0.00225	4	0.20					18.55	-0.99
241	1270005518449	0.00140	1	0.20	0.00278	2	0.36					14.97	-1.00
242	2915010887077PI	0.00055	2	0.64	0.00347	4	0.51					12.00	-1.01
243	1430002989723RF	0.00160	1	0.17	0.00269	2	0.19					15.47	-1.01
244	1270001087615	0.00453	1	0.20	0.00972	2	0.22					4.29	-1.03
245	2995001598730	0.00163	2	1.00	0.00380	8	1.10					10.95	-1.04
246	2915001338007PI	0.00068	2	0.64	0.00292	5	0.81					14.25	-1.05
247	660500945816A	0.01023	1	0.66	0.00534	10	1.46					7.80	-1.06
248	166000893554	0.00072	1	0.91	0.00094	2	0.15					8.44	-1.07
249	6760010390504	0.00303	1	0.18	0.00681	3	0.58					6.12	-1.07
250	1680009185598RF	0.00059	1	0.30	0.00454	2	0.25					9.17	-1.07

# FEDERAL INFORMATION PROCESSING STANDARD SOFTWARE SUMMARY

01. Summary date		02. Summary prepared by (Name and Phone)		03. Summary action	
Yr.	Mo.	Day	John B. Abell (301) 229-1000		New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Deletion <input type="checkbox"/>
8	1	09	05. Software title		Previous Internal Software ID <input type="checkbox"/>
04. Software date		The Sortie-Generation Model System			
Yr.	Mo.	Day	Volume VI		
8	1	09	Spares Subsystem		
06. Short title			07. Internal Software ID		
SGM			None		
08. Software type		09. Processing mode		10. Application area	
<input checked="" type="checkbox"/> Automated Data System <input type="checkbox"/> Computer Program <input type="checkbox"/> Subroutine Module		<input type="checkbox"/> Interactive <input type="checkbox"/> Batch <input checked="" type="checkbox"/> Combination		General <input type="checkbox"/> Computer Systems <input type="checkbox"/> Support/Utility <input type="checkbox"/> Scientific/Engineering <input type="checkbox"/> Bibliographic/Textual Specific <input type="checkbox"/> Management/Business <input type="checkbox"/> Process Control <input checked="" type="checkbox"/> Other	
11. Submitting organization and address				12. Technical contact(s) and phone	
Logistics Management Institute 4701 Sangamore Road, P. O. Box 9489 Washington, D.C. 20016				Mr. John B. Abell Mr. Michael J. Konvalinka (301) 229-1000 AV 287-2779	
13. Narrative					
<p>The Sortie-Generation Model System provides the capability for relating aircraft spares and maintenance manpower levels to the maximal sortie-generation capability of tactical air forces over time.</p> <p>This volume describes the process of constructing a spares data base for input to the Sortie-Generation Model.</p>					
14. Keywords					
Readiness; Resource Allocation; Sortie Generation Capability; Logistics Capability Assessment					
15. Computer manufacturer and model		16. Computer operating system		17. Programming languages	
Honeywell G-635		GCOS		Cobol 600 Fortran 600/GMAP	
19. Computer memory requirements		20. Tape drives		21. Disk/Drum units	
49k words 36 bits each		4		1 Disk 2 million words	
23. Other operational requirements				22. Terminals	
				1 time sharing	
24. Software availability			25. Documentation availability		
Available <input checked="" type="checkbox"/> Limited <input type="checkbox"/> In-house only <input type="checkbox"/>			Available <input checked="" type="checkbox"/> Inadequate <input type="checkbox"/> In-house only <input type="checkbox"/>		
26. FOR SUBMITTING ORGANIZATION USE					

Unclassified  
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
	AD-A1104CC	
4. TITLE (and Subtitle) The Sortie-Generation Model System Volume VI Spares Subsystem		5. TYPE OF REPORT & PERIOD COVERED
		6. PERFORMING ORG. REPORT NUMBER LMI Task ML102
7. AUTHOR(s) John B. Abell F. Michael Slay		8. CONTRACT OR GRANT NUMBER(s)  MDA903-81-C-0166
9. PERFORMING ORGANIZATION NAME AND ADDRESS Logistics Management Institute 4701 Sangamore Road, P. O. Box 9489 Washington, D.C. 20016		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Assistant Secretary of Defense (Manpower, Reserve Affairs, & Logistics) The Pentagon, Washington, D.C.		12. REPORT DATE September 1981
		13. NUMBER OF PAGES 187
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report)  Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report)  "A" Approved for public release		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)  Unlimited		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)  Readiness; Resource Allocation; Sortie Generation Capability; Logistics Capability Assessment		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)  The Sortie-Generation Model System provides the capability for relating aircraft spares and maintenance manpower levels to the maximal sortie-generation capability of tactical air forces over time. This volume describes the process of constructing a spares data base for input to the Sortie-Generation Model.		

**DATE**  
**FILME**